

AGRICULTURAL BUILDING.

UNITED STATES CENTENNIAL COMMISSION.

INTERNATIONAL EXHIBITION,
1876.

OFFICIAL CATALOGUE

DEPARTMENT OF AGRICULTURE.

DEPARTMENT OF HORTICULTURE.

PHILADELPHIA:

PUBLISHED BY JOHN R. NAGLE AND COMPANY,

PRINTED AT THE RIVERSIDE PRESS, CAMBRIDGE, MASS.

1876

Entered according to Act of Congress, in the year 1876, by the
UNITED STATES CENTENNIAL COMMISSION,
in the office of the Librarian of Congress, at Washington, D. C.

ALL RIGHTS RESERVED.

Centennial Catalogue Company Assignees of Copyright.

CONTENTS.

Plan of Exhibition Grounds,	6
Subject index, National exhibits,	8
The Agricultural Building,	9
Key to the Notation,	9
Synopsis of the Classification,	10
Classification of the Department of Agriculture,	12
Catalogue of the Department of Agriculture,	15
Live Stock Circular,	70
The Horticultural Building,	74
Classification of the Department of Horticulture,	77
Catalogue of the Department of Horticulture,	79
Alphabetical index of Exhibitors in Departments VI and VII,	85

SOUTH-EAST SECTION.

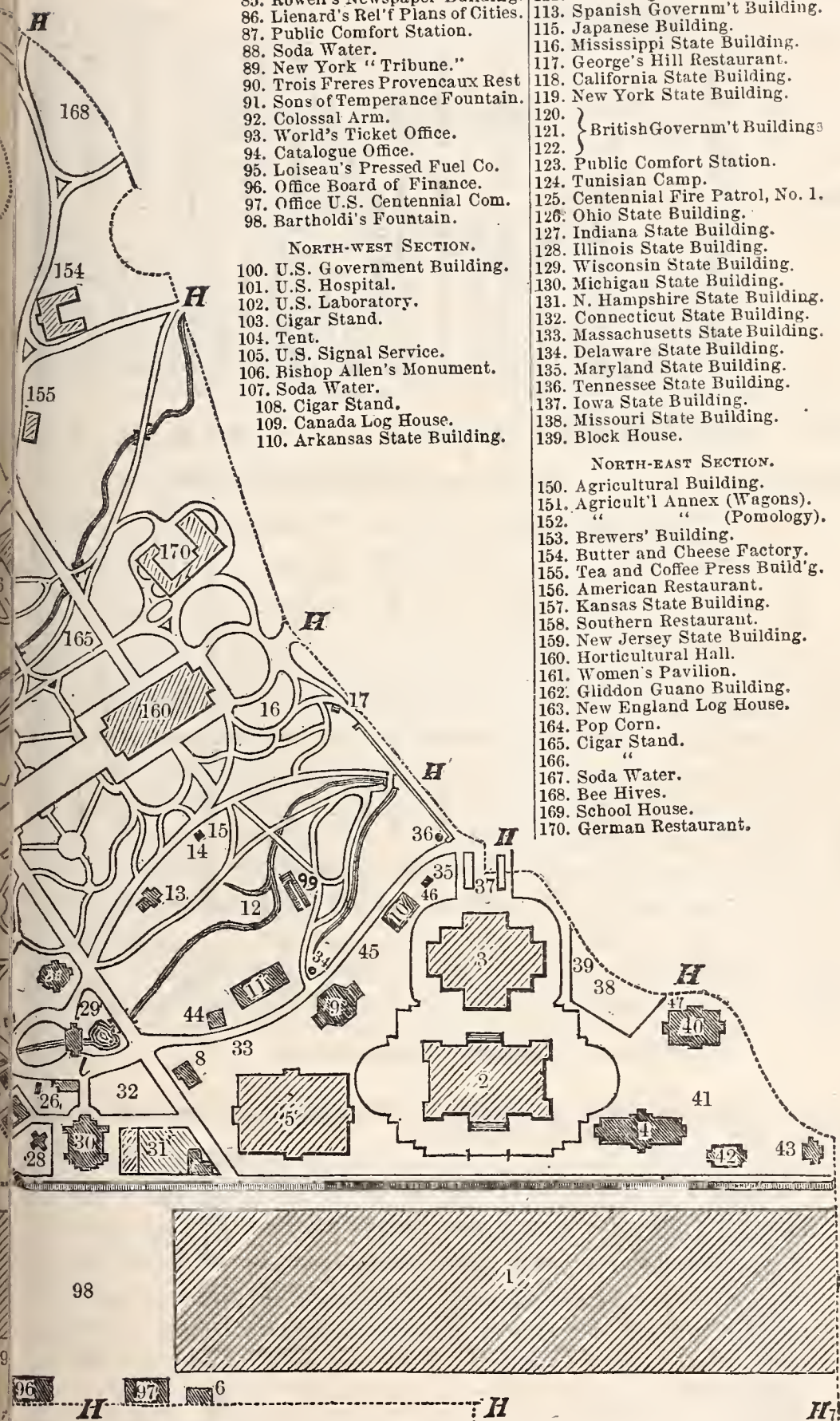
1. Main Exhibition Building.
2. Memorial Hall (Art Gallery).
3. Annex to Art Gallery.
4. Photographic Gallery.
5. Annex to Main Building (Carriages, Stoves).
6. Centennial National Bank.
7. Public Comfort (cloak room).
8. Swedish School House.
9. Penn. Educational Departm't.
10. Singer's Sewing Mach. Build'g.
11. Lafayette Restaurant.
12. Hunter's Camp.
13. Milk Dairy Association.
14. Bible Society.
15. Public Comfort.
16. Phila. Municipal Headquart's.
17. Soda Water.
18. Moorish Villa.
19. German Government Building.
20. Brazilian Governm. Building.
21. Kittredge & Co. (Cornices).
22. Soda Water.
23. Phila. "Times" Building.
24. Klautscheck, Thomas & Stewart's Glass Factory.
25. Cigar Stand.
26. American Fusee Co.
27. Centennial Photographic Assn.
28. Penna. Railroad Ticket Office.
29. Centennial Medical Dept.
30. Judges' Hall.
31. Department of Public Comfort.
32. Japanese Government.
33. Kindergarten.
34. Soda Water.
35. Public Comfort Station.
36. Cigar Stand.
37. Standpipe.
38. French Government Building.
39. Stained Glass.
40. Vienna Bakery.
41. Bankers' Exhibit.
42. Empire Transportation Co.
43. Centennial Fire Patrol, No. 2.
44. Portuguese Govt. Building.
45. N.Y. "World" Building.
46. Burial Casket Building.
47. Public Comfort (cloak room).

SOUTH-WEST SECTION.

50. Machinery Building.
51. Annex (Shoe & Leath'r Build'g)
52. British Boiler House.
53. Boiler House.
54. Corliss Boiler House.
55. Weimer's Furnace.
56. Boiler House.
57. Stokes & Parrish Machine Shop
58. Boiler House.
59. Nevada Quartz Mill.
60. Gas Machine.
61. Yale Lock Co.
62. Brick Working Machinery.
63. Storehouse.
64. Meline & Morris Artesian Well.
65. J.M. Boles Rock Drilling Mach'y
66. Jesse Starr & Son Iron Works.
67. Gunpowder Pile Driver.
68. Automatic Railway.
69. Tiffany's Gas Machine.
70. Pennsylvania Railroad.
71. Engine House.
72. Emil Ross Saw Mill.
73. Gillender & Son Glass Factory.
74. Annex (Saw Mill).
75. Saw Mill Boiler House.
76. Campbell Printing House.
77. Fuller, Warren & Co., Stoves.
78. Liberty Stove Works.
79. Boston "Herald" and "Advertiser."
80. Catholic Total A. Fountain.
81. Frank Leslie's Newspaper.
82. Turkish Cafe.
83. Pennsylvania State Building.
84. Pop Corn.



GROUND PLAN OF THE

- 
85. Rowell's Newspaper Building.
 86. Lienard's Rel'f Plans of Cities.
 87. Public Comfort Station.
 88. Soda Water.
 89. New York "Tribune."
 90. Trois Freres Provencaux Rest.
 91. Sons of Temperance Fountain.
 92. Colossal Arm.
 93. World's Ticket Office.
 94. Catalogue Office.
 95. Loiseau's Pressed Fuel Co.
 96. Office Board of Finance.
 97. Office U.S. Centennial Com.
 98. Bartholdi's Fountain.

NORTH-WEST SECTION.

100. U.S. Government Building.
101. U.S. Hospital.
102. U.S. Laboratory.
103. Cigar Stand.
104. Tent.
105. U.S. Signal Service.
106. Bishop Allen's Monument.
107. Soda Water.
108. Cigar Stand.
109. Canada Log House.
110. Arkansas State Building.

112. West Virginia State Building.
113. Spanish Governm't Building.
115. Japanese Building.
116. Mississippi State Building.
117. George's Hill Restaurant.
118. California State Building.
119. New York State Building.
120. } British Governm't Buildings
121. }
122. }
123. Public Comfort Station.
124. Tunisian Camp.
125. Centennial Fire Patrol, No. 1.
126. Ohio State Building.
127. Indiana State Building.
128. Illinois State Building.
129. Wisconsin State Building.
130. Michigan State Building.
131. N. Hampshire State Building.
132. Connecticut State Building.
133. Massachusetts State Building.
134. Delaware State Building.
135. Maryland State Building.
136. Tennessee State Building.
137. Iowa State Building.
138. Missouri State Building.
139. Block House.

NORTH-EAST SECTION.

150. Agricultural Building.
151. Agricult'l Annex (Wagons).
152. " " (Pomology).
153. Brewers' Building.
154. Butter and Cheese Factory.
155. Tea and Coffee Press Build'g.
156. American Restaurant.
157. Kansas State Building.
158. Southern Restaurant.
159. New Jersey State Building.
160. Horticultural Hall.
161. Women's Pavilion.
162. Gliddon Guano Building.
163. New England Log House.
164. Pop Corn.
165. Cigar Stand.
166. " "
167. Soda Water.
168. Bee Hives.
169. School House.
170. German Restaurant.

INTERNATIONAL EXHIBITION.

SUBJECT INDEX, NATIONAL EXHIBITS.

DEPARTMENT VI.

DEPT. VII.

NATIONS.	Arboriculture and Forest Products.	Pomology.	Agricultural Products.	Land Animals.	Water Animals, Fish Culture, and Apparatus.	Animal and Vegetable Products.	Textile Substances of Vegetable or Animal Origin.	Machines, Implements, and Processes of Manufacture.	Agricultural Engineering and Administration.	Tillage and General Management.	Ornamental Trees, Shrubs, and Flowers.	Hot-houses, Conservatories, Graperies.	Garden Tools, Accessories of Gardening.	Garden Designing, Construction and Management.
United States.....	15	15	15	17	17	17	20	20	27	28	79	79	80	81
Great Britain	29	...	...	29	29	29	30	30	30	...	82	...	...	...
Canada.....	31	31	31	31	32	32	34	34	35	...	...	...	82	...
France*	36	36	36	...	37	37	39	39	40	...	83	83	83	83
Germany	40	...	40	...	...	40	42	42	42	...	...	...	...	...
Austria.....	42	42	42	43	43	43	...	...	...	...	...	...	...	...
Switzerland.....	...	...	43	...	...	43	...	...	...	...	...	...	...	...
Belgium.....	...	...	44	...	...	44	45	45	...	...	...	...	...	...
Netherlands.....	45	...	45	...	45	45	...	...	...	...	83	...	...	...
Sweden.....	46	...	46	...	47	47	47	47	48	...	...	...	83	...
Norway.....	48	...	48	48	48	49	...	49	49	...	...	...	...	...
Italy	50	50	50	...	50	50	53	53	...	...	...	...	...	...
Brazil	54	...	54	...	56	...	57	57	57	...	...	...	...	...
Argentine Republic.....	58	...	59	63	63	63	68	...	69	...	84	...	...	84

* Metallurgical exhibition of France, page 36.

N. B.—The Agricultural and Horticultural exhibits of the following countries are installed in the Main Building, and catalogued in that volume, viz.:

	Page.
New South Wales.....	151
Victoria.....	155, 158
South Australia.....	162
New Zealand.....	164, 165
Cape of Good Hope.....	168
Jamaica.....	170
Austria.....	198
Denmark	210
Egypt.....	225
Orange Free State.....	230
Luxemburg.....	230
China	231
Japan	238
Hawaii	242

AGRICULTURAL HALL. No. 150.

Size, parallelogram, 820 by 540 feet.

Architect, JAMES H. WINDRIM, Philadelphia.

Contractor, PHILIP QUIGLEY, Wilmington, Del.

Wrought iron furnished by ALLISON & SONS, Philadelphia.

Erectors, BELL BROTHERS.

THE Agricultural Exhibition Building stands north of Horticultural Hall, on the eastern side of Belmont avenue. A novel combination of materials is illustrated in its construction. It consists of a long nave crossed by three transepts, all composed of Howe truss arches of Gothic form. The four courts inclosed between the nave and transepts, as also the four spaces at the corners of the building, having the nave and transepts for their sides, are roofed in and form spaces for exhibits. The building covers an area of above ten acres. Stock yards for the exhibition of horses, cattle, sheep, swine, poultry, etc., are in the vicinity of the exhibition grounds.

The contract was made July 26th, 1875, and the building was begun in September 1875, and finished in April, 1876. It cost \$260,000.

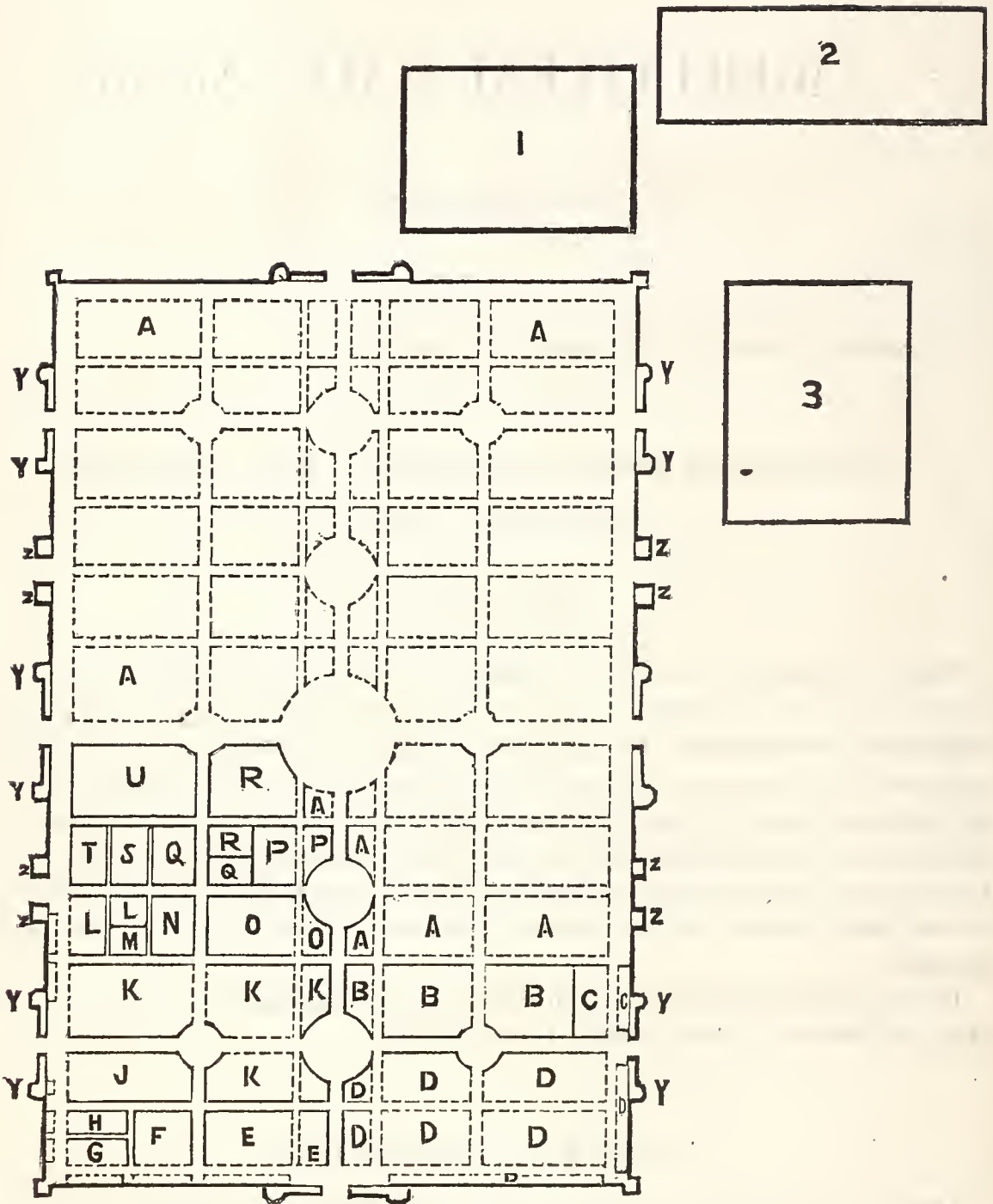
KEY TO THE NOTATION.

THE location of objects in the Agricultural Building is shown by a letter and figure, indicating the nearest column of the building. The letters—A, B, C, to T—designate the successive ranges of columns, proceeding eastward from the western wall across the width of the building; the figures, the number of the column in each range, counting northwardly from the southern wall, the entire length of the building, from 1 to 28. Thus C 5 is the column in the third range from the west, and the fifth from the southern end of the building. The northeasternmost column is T 28.

The class of the classification to which each exhibit belongs is indicated by the small figures at the end of the line.

AGRICULTURAL HALL.

Scale, 225 ft. to 1 in.



A United States.
B Canada.
C Liberia.
D England.
E Germany.
F Austria.
G Japan.
H Venezuela.
I Netherlands.

K France.
L Sweden.
M Denmark.
N Norway.
O Brazil.
P Belgium.
Q Portugal.
R Spain.

S Argentine Republic.
T Chili.
U Russia.
Y Water-closets.
Z Offices.
1. Wagon Building.
2. Brewers' Building.
3. Pomological Building.

Total Length, 540 ft. Width, 820 ft. Height, 75 ft.

SYNOPSIS OF THE CLASSIFICATION.

LOCATION.	DEPARTMENTS.	CLASSES.	GROUPS.
MAIN BUILDING.	I. MINING AND METALLURGY.	100—109	Minerals, Ores, Stone, Mining Products.
		110—119	Metallurgical Products.
		120—129	Mining Engineering.
	II. MANUFACTURES.	200—205	Chemical Manufactures.
		206—216	Ceramics, Pottery, Porcelain, Glass, etc.
		217—227	Furniture, etc.
		228—234	Yarns and Woven Goods of Vegetable or Mineral Materials.
		235—241	Woven and Felted Goods of Wool, etc.
		242—249	Silk and Silk Fabrics.
		250—257	Clothing, Jewelry, etc.
		258—264	Paper, Blank Books, Stationery.
		265—271	Weapons, etc.
		272—279	Medicine, Surgery, Prothesis.
		280—284	Hardware, Edge Tools, Cutlery, and Metallic Products.
		285—291	Fabrics of Vegetable, Animal, or Mineral Materials.
		292—296	Carriages, Vehicles, and Accessories.
	III. EDUCATION AND SCIENCE	300—309	Educational Systems, Methods, and Libraries.
		310—319	Institutions and Organizations.
		320—329	Scientific and Philosophical Instruments and Methods.
		330—339	Engineering, Architecture, Maps, etc.
		340—349	Physical, Social, and Moral Condition of Man.
ART GALLERY.	IV. ART.	400—409	Sculpture.
		410—419	Painting.
		420—429	Engraving and Lithography.
		430—439	Photography.
		440—449	Industrial and Architectural Designs, etc.
		450—459	Ceramic Decorations, Mosaics, etc.
MACHINERY BUILDING.	V. MACHINERY.	500—509	Machines, Tools, etc., of Mining, Chemistry, etc.
		510—519	Machines and Tools for working Metal, Wood, and Stone.
		520—529	Machines and Implements of Spinning, Weaving, etc.
		530—539	Machines, etc., used in Sewing, Making Clothing, etc.
		540—549	Machines for Printing, Making Books, Paper Working, etc.
		550—559	Motors, Power Generators, etc.
		560—569	Hydraulic and Pneumatic Apparatus.
		570—579	Railway Plant, Rolling Stock, etc.
		580—589	Machinery used in Preparing Agricultural Products.
		590—599	Aerial, Pneumatic, and Water Transportation.
			Machinery, and Apparatus, especially adapted to the requirements of the Exhibition.
AGRICULTURAL BUILDING.	VI. AGRICULTURE.	600—609	Arboriculture and Forest Products.
		610—619	Pomology.
		620—629	Agricultural Products.
		630—639	Land Animals.
		640—649	Marine Animals, Fish Culture, and Apparatus.
		650—662	Animal and Vegetable Products.
		665—669	Textile Substances of Vegetable or Animal origin.
		670—679	Machines, Implements, and Processes of Manufacture.
		680—689	Agricultural Engineering and Administration.
		690—699	Tillage and General Management.
HORTICULTURAL BUILDING.	VII. HORTICULTURE.	700—709	Ornamental Trees, Shrubs, and Flowers.
		710—719	Hot Houses, Conservatories, Graperies.
		720—729	Garden Tools, Accessories of Gardening.
		730—739	Garden Designing, Construction, and Management.

CLASSIFICATION.

DEPARTMENT VI.—AGRICULTURE.

ARBORICULTURE AND FOREST PRODUCTS.

- CLASS 600.—Timber and trunks of trees, entire or in transverse or truncated sections, with specimens of barks, leaves, flowers, seed vessels, and seed.
Masts, spars, knees, longitudinal sections of trees, railway ties, ship timber, lumber roughly sawn; as planks, shingles, lath, and staves.
Timber and lumber prepared in various ways to resist decay and combustion; as by injection of salts of copper and zinc.
- CLASS 601.—Ornamental woods used in decorating and for furniture; as veneers of mahogany, rosewood, ebony, walnut, maple, and madrona.
- CLASS 602.—Dyewoods, barks, and galls for coloring and tanning.
- CLASS 603.—Gums, resins, caoutchouc, gutta percha, vegetable wax.
- CLASS 604.—Lichens, mosses, fungi, pulu, ferns.
- CLASS 605.—Seeds, nuts, etc., for food and ornamental purposes.
- CLASS 606.—Forestry.—Illustrations of the art of planting, managing, and protecting forests. Statistics.
- CLASS 607.—Fruit trees and shrubs.

POMOLOGY.

- CLASS 610.—Fruits of temperate and semi-tropical regions; as apples, pears, quinces, peaches, nectarines, apricots, plums, grapes, cherries, strawberries, and melons.
- CLASS 611.—Tropical fruits and nuts, oranges, bananas, plantains, lemons, pine-apples, pomegranates, figs, cocoanuts.

AGRICULTURAL PRODUCTS.

- CLASS 620.—Cereals, grasses, and forage plants.
- CLASS 621.—Leguminous plants and esculent vegetables.
- CLASS 622.—Roots and tubers.
- CLASS 623.—Tobacco, hops, tea, coffee, spices, condiments, herbs.
- CLASS 624.—Seeds and seed vessels.

LAND ANIMALS.

- CLASS 630.—Horses, asses, mules.
- CLASS 631.—Horned cattle.
- CLASS 632.—Sheep.
- CLASS 633.—Goats, alpaca, llama, camel.
- CLASS 634.—Swine.
- CLASS 635.—Poultry and birds.
- CLASS 636.—Dogs and cats.
- CLASS 637.—Wild animals.
- CLASS 638.—Insects, useful and injurious. Honey bees, cochineal, silk-worms.

MARINE ANIMALS, FISH CULTURE, AND APPARATUS.

- CLASS 640.—Marine mammals.—Seals, cetaceans, etc., specimens living in aquaria, or stuffed, salted, preserved in alcohol, or otherwise.
- CLASS 641.—Fishes, living or preserved.
- CLASS 642.—Pickled fish, and parts of fish used for food.
- CLASS 643.—Crustaceans, echinoderms, beche de mer.
- CLASS 644.—Mollusks, oysters, clams, etc., used for food.
- CLASS 645.—Shells, corals, and pearls.
- CLASS 646.—Whalebone, shagreen, fish-glue, isinglass, sounds, fish-oil.
- CLASS 647.—Instruments and apparatus of fishing.—Nets, baskets, hooks, and other apparatus used in catching fish.
- CLASS 648.—Fish culture.—Aquaria, hatching pools, vessels for transporting roe and spawn, and other apparatus used in fish breeding, culture, or preservation.

ANIMAL AND VEGETABLE PRODUCTS.

(Used as food or as materials.)

- CLASS 650.—Sponges, seaweed, and other growths used for food or in the arts.
- CLASS 651.—The dairy.—Milk, cream, butter, cheese.
- CLASS 652.—Hides, furs, and leather, tallow, oil, and lard, ivory, bone, horn, glue.
- CLASS 653.—Eggs, feathers, down.
- CLASS 654.—Honey and wax.
- CLASS 655.—Animal perfumes; as musk, civet, ambergris.
- CLASS 656.—Preserved meats, vegetables, and fruits. Dried, or in cans or jars.
Meat and vegetable extracts.
- CLASS 657.—Flour; crushed and ground cereals, decorticated grains.
- CLASS 658.—Starch and similar products.
- CLASS 659.—Sugar and syrups.
- CLASS 660.—Wines, alcohol, and malt liquors.
- CLASS 661.—Bread, biscuits, crackers, cakes, confectionery, cocoa, chocolate, etc.
- CLASS 662.—Vegetable oils, oil cake.

TEXTILE SUBSTANCES OF VEGETABLE OR ANIMAL ORIGIN.

- CLASS 665.—Cotton on the stem, in the boll, ginned, and baled.
- CLASS 666.—Hemp, flax, jute, ramie, etc., in primitive forms and in all stages of preparation for spinning.
- CLASS 667.—Wool in the fleece, carded, and in bales.
- CLASS 668.—Silk in the cocoon and reeled.
- CLASS 669.—Hair, bristles.

MACHINES, IMPLEMENTS, AND PROCESSES OF MANUFACTURE.

- CLASS 670.—Tillage.—Manual implements, spades, hoes, rakes. Animal power machinery, plows, cultivators, horse-hoes, clod-crushers, rollers, harrows. Steam power machinery, plows, breakers, harrows, cultivators.
- CLASS 671.—Planting.—Manual implements, corn-planters and hand-drills. Animal power machinery, grain and manure drills, corn and cotton planters. Steam power machinery, grain and manure drills.
- CLASS 672.—Harvesting.—Manual implements; grain-cradles, sickles, reaping-hooks. Animal power machinery, reapers and headers. Mowers, tedders, rakes, hay elevators, and hay loaders.
Potato diggers.
- CLASS 673.—Preparatory to marketing.—Thrashers, clover-hullers, corn-shellors, winnowers, hay, cotton, flax, jute, ramie, wine, oil, and sugar making apparatus. Cleaners and smutters. Horse powers.

CLASS 674.—Applicable to farm economy.—Portable and stationary engines, chaffers, hay and feed cutters, slicers, pulpers, corn mills, farm boilers and steamers, incubators, edged tools, mills, meat choppers.

CLASS 675.—Dairy fittings and appliances.—Churns for hand and power, butter-workers, cans and pails, cheese-presses, vats, and apparatus, ice-cream freezers, cedar-ware.

AGRICULTURAL ENGINEERING AND ADMINISTRATION.

CLASS 680.—Laying out and improving farms.—Clearing (stump extractors), construction of roads, draining, irrigating, models of fences, gates, drains, out-falls, dams, embankments, irrigating machinery, stack building and thatching.

CLASS 681.—Commercial fertilizers, phosphatic, ammoniacal, calcareous, etc.

CLASS 682.—Transportation.—Wagons, carts, sleds, harness, yokes, traction engines, and apparatus for road making and excavating.

CLASS 683.—Farm buildings.—Models and drawings of farm houses and tenements, barns, stables, hop-houses, fruit-driers, ice-houses, windmills, granaries, barracks, apiaries, cocooneries, aviaries, abattoirs, and dairies.

TILLAGE AND GENERAL MANAGEMENT.

CLASS 690.—Systems of planting and cultivation.

CLASS 691.—Systems of draining and application of manures.

CLASS 692.—Systems of breeding and stock feeding, training.

CLASS 693.—Veterinary surgery and appliances.

JOHN CLARK, JR. & CO.'S

MILE END, GLASGOW,

BEST

Six-cord Spool Cotton

ON BLACK SPOOLS,

IS UNRIVALLED

FOR

HAND AND MACHINE USE.

BRANCH AGENCIES:

53 Summer St., Boston, 535 Market St., San Francisco,

31 Bank St., Philadelphia.

THOMAS RUSSELL,

SOLE AGENT FOR THE U. S.

No. 19 Mercer Street, New York.

AGENCY IN CANADA:

BIRKS & WILSON, 1 ST. HELEN ST.,

MONTREAL.

CHENEY BROTHERS,

Silk Manufacturers,

Mills at Hartford and South Manchester

CONNECTICUT.

SALESROOMS, { **477 BROOME ST., NEW YORK**
19 FRANKLIN ST., BOSTON.

GROS GRAIN DRESS SILKS in Black and Colors of all Shades
FIGURED AND TWILLED SILKS for the Millinery Trade.

FLORENTINES AND MARCELLINES, of all colors, qualities, and
widths, for the use of Manufacturers of Parasols, Hats, Caps
and Furs.

SILK HANDKERCHIEFS AND MUFFLERS, Plain or with Wove
or Printed Borders.

SILK FLAGS of various sizes, from 7 x 10 to 30 x 48 inches, hemmed
and boxed in dozens for the trade.

BONNET RIBBONS, Black and Colored, of all widths and shades.

SASH AND BELT RIBBONS.

MACHINE TWIST AND SEWING SILK.

ORGANZINES, TRAMS, AND FINE PATENT SPUN SILKS, for
Silk Mixture, Cassimeres, and for all other fabrics in which Silk
is used.

Particular attention given to orders for special
kinds of Silk used by manufacturers.

Specimens of all the above-mentioned fabrics and
threads can be seen in the show-case of **Cheney Brothers**
in the American Silk Department of the Centennial
Exhibition in the Main Building.

UNITED STATES.

Forest Products, Pomology, Agricultural Products.

Arboriculture and Forest Products.

- 1 Begg, Jonathan, Gilroy, Cal.—Collection of conifers of the Pacific Coast. E 25. 600
- 2 Pierce, Milton V., Wenonah, N. J.—Native wood. E 26. 600
- 3 Western North Carolina Land Co., Philadelphia, Pa.—Woods, medicinal herbs, iron ores, gold, manganese, mica, etc. E 19. 600
- 4 State of Indiana.—Timber, all kinds found in the State. G 20. 600
- 5 State Board of Iowa (collective exhibit), Fairfield, Iowa.—Woods, native and cultivated; wood seeds, soils. C 15. 600
- 6 National Timber Preserving Co., Philadelphia, Pa.—Method of treating timber with chemical preservatives. E 28. 600
- 7 Woods, Perry, & Co., Cleveland, Ohio.—White pine lumber. F 25. 600
- 8 State of Oregon, Portland, Oregon.—Native woods, medicine roots, and bark; shingles. E 22. 600
- 9 Eastern Burnettizing Co., Boston, Mass.—Burnettized lumber for bridges, wharves, railroads, and all positions where wood is liable to decay. F 26. 600
- 10 State of Delaware (collective exhibit), Dover, Del.—Timber in the rough and dressed. F 17. 600
- 11 Albemarle Swamp Land Co., North Carolina.—Cedar and cypress shingles, staves, etc. F 26. 600
- 12 Davis, Wise, & Co., North Carolina.—Ribbed cedar and cypress shingles. F 28. 600
- 13 State of West Virginia (collective exhibit).—Forest products. F 19. 600
- 14 Gore, E., Bath, Maine.—Basswood panels. F 28. 601
- 15 Burk, William B., & Co., Philadelphia, Pa.—Corks and sponges. E 25. 603
- 16 Smythe, Earle, & Co., New York, N. Y.—Crude elastic gums, with botanical specimens of same. F 26. 603
- 17 Butz, Alfred L., Philadelphia, Pa.—Machine and hand cut corks. E 25. 603
- 18 Michigan State Agricultural College (collective exhibit).—Forestry. H and I 20 and 21. 606

Pomology.

- 19 Atlantic Co. for the Culture of Cranberries, Weymouth, N. J.—Cranberries, natural and preserved. J 28. 610
- 20 State Board of Iowa, Fairfield, Iowa.—Apples and pears in wax models. C 15. 610
- 21 Collings, E. Z., Waterford, N. J.—Cranberries in jars, showing different varieties. C 20. 610

Agricultural Products.

- 22 State Board of Iowa, Fairfield, Iowa.—Corn, small grains, grass seeds, vegetable seeds, etc. C 15. 620
- 23 Branson, David H., Guthrieville, Pa.—Indian corn. N 10-11. 620
- 24 Henderson, John, Northport, L. I., N. Y.—Handbook of the grasses of America and Great Britain, with specimens. B 17. 620
- 25 State of Massachusetts (collective exhibit), Boston, Mass.—Agricultural products. E and F 23. 620
- 26 Possiponti, Angola, Harrisburg, Pa.—Straw for the manufacture of straw-goods. E 15. 620
- 27 Smith, E & J. P., Circleville, Ohio.—Broom-corn brush. F 15. 620
- 28 U. S. Hullers Oat Co., Williamsport, Pa.—Oats without hull, oat-flour, and feed. H 15. 620
- 29 State of Indiana, embracing 92 counties (collective exhibit). G 20.
 - a White, red, and amber wheat, oats, rye, barley, Indian corn, grass-seed, etc. 620
 - b Cloverseed, white and colored, butterbeans. 624
- 30 Landreth, D., & Sons, Philadelphia, Pa. H 15.
 - a Cereals, grasses, and tobacco. 620
 - b Field and garden seeds. 624
- 31 Michigan State Agricultural College. H & I 20 to 21.
 - a Farm products. 620
 - b Seeds of forest trees. 624
- 32 State of Oregon, Portland, Oregon. E 22.
 - a Native grasses, cultivated grasses, grain in the sheaf. 620
 - b Grain in the sack; cultivated grass-seed. 624

Agricultural Products.

- 33 State of Delaware, Dover, Del. F 17.
a Cereals. 620
b Seeds. 624
- 34 Ohio State Centennial Board (collective exhibit), Cleveland, Ohio. D and E 16.
a Grains, grasses. 620
b Seeds. 624
- 35 State of West Virginia (collective exhibit). F 19.
a Grasses and agricultural products. 620
b Tobacco. 623
c Wheat, corn, oats, barley, and rye. 624
- 36 Bliss, B. K., & Sons, New York, N. Y.—Potatoes. H 15. 622
- 37 Murdoch, Aug., New York, N. Y.—American mustard. I 28. 623
- 38 Bourgeois, Edmund, New Orleans, La.—Perique tobacco. G 25. 623
- 39 Weikel & Smith Spice Co., Philadelphia, Pa.—Mustard, spices, celery-salt, blacking. H 28. 623
- 40 Kinney, Francis S., New York, N. Y.—Cigarettes and tobacco. G 25. 623
- 41 Frishmuth Bros. & Co., Philadelphia, Pa.—Tobacco; fine-cut and smoking tobacco. I 24. 623
- 42 Swank, M. J., Philadelphia, Pa.—Cigars. G 25. 623
- 43 Fell, C. J., & Bro., Philadelphia, Pa.—Spices, mustards, crude and manufactured. J 21. 623
- 44 Stewart, Ralph, & Co., Philadelphia, Pa.—Scotch snuff. G 26. 623
- 45 Holbrook, Edward, Louisville, Ky.—Manufactured tobacco. H 25. 623
- 46 Israel, J. N., Philadelphia, Pa.—Cigars. G 26. 623
- 47 Boyd, G., & Co., Philadelphia, Pa.—Coffee, green and roasted. C 22. 623
- 48 Wardle, George F., Philadelphia, Pa.—Plug chewing tobacco. G 24. 623
- 49 Blackwell, W. J., & Co., Duchane, N. C.—Plug, leaf, and smoking tobacco. H 23. 623
- 50 Batchelor Brothers, Philadelphia, Pa.—Cigars, tobacco-plants. G 23. 623
- 51 Trowbridge, W. H., Danville, Va.—Chewing and smoking tobacco. G 24. 623
- 52 Shelton Tobacco Curing Co., Asheville, N. C.—Tobacco-hanger. G 24. 623
- 53 Wilkens, H., & Co., Baltimore, Md.—Smoking tobacco and snuff. H 24. 623
- 54 Cills, Wm., Philadelphia, Pa.—Tobacco packing-box. I 26. 623
- 55 V. Martinez Ybor & Co., Key West, Fla.—Cigars. I 24. 623
- 56 Western North Carolina Land Co., Philadelphia, Pa.—Cereals, fruits, cotton, and tobacco. E 19. 623
- 57 Marburg Bros., Baltimore, Md.—Smoking and leaf tobacco. G 26. 623
- 58 Volinia Farmers' Club, Volinia, Mich.—General farm products, cereals, etc. I 15. 623
- 59 Seidenberg & Co., New York, N. Y.—Key West and Havana cigars. I 23. 623
- 60 Shuck, Samuel, Bedford, Pa.—Antinervous cigars. I 26. 623
- 61 Watkins, W. M. & C., Milton, N. C.—Plug and fine leaf tobacco. I 25. 623
- 62 Bailey, Samuel M., Richmond, Va.—Plug tobacco. I 25. 623
- 63 Mayo, P. H., & Brother, Richmond, Va.—Plug tobacco. H 25. 623
- 64 Holbrook, Harry C., Louisville, Ky.—Plug tobacco. G 25. 623
- 65 Turpin & Brother, Richmond, Va.—Plug tobacco. H 25. 623
- 66 Suehnel, Emil J., Philadelphia, Pa.—Cigars. G 24. 623
- 67 Cohen, John B., Philadelphia, Pa.—Cigars. G 24. 623
- 68 Gulden, Charles, New York, N. Y.—German, French, and American mustards. I 28. 623
- 69 Lorillard, P., & Co., New York, N. Y.—Plug and fine-cut chewing tobacco, smoking tobacco and snuffs. I and H 25. 623
- 70 Lovell & Buffington, Covington, Ky.—Fine-cut chewing tobacco. G 25. 623
- 71 Kimball, Wm. S., & Co., Rochester, N. Y.—Chewing and smoking tobacco. G 25. 623
- 72 Felgner, P. W., & Son, Baltimore, Md.—Smoking tobacco. H 26. 623
- 73 Gail & Ax, Baltimore, Md.—Smoking, fine-cut chewing tobacco, and snuffs. I 26. 623
- 74 Kerbs & Spiess, New York, N. Y.—Cigars. G 26. 623
- 75 Armistead, Louis L., Lynchburg, Va.—Granulated smoking tobacco. I 24. 623
- 76 Mellen, L. F., West Springfield, Mass.—Connecticut-seed leaf tobacco. J 26. 623
- 77 Brito, Joseph Z., & Co., New York, N. Y.—Cigarettes. H 25. 623
- 78 Alces, George, New York, N. Y.—Cigars. H 24. 623
- 79 Sullivan & Burk, Detroit, Mich.—Cigars of home manufacture. H 26. 623
- 80 Gumpert Bros., Philadelphia, Pa.—Cigars. I 26. 623
- 81 Colburn, A., & Co., Philadelphia, Pa.—Mustard, spices, and washing-blue. G 28. 623
- 82 Bonnett, Schuck, & Earle, New York, N. Y.—Spices and mustard. G 28. 623
- 83 Allen, J. F., & Co., Richmond, Va.—Granulated plug and cut smoking tobacco, plug tobacco, cigarettes. I 25. 623
- 84 Dean, William G., New York, N. Y.—Mustard. I 28. 623
- 85 Agnew, Eisenbeis, & Co., Allegheny, Pa.—Table, pickling, and aromatic vinegars. H 28. 623
- 86 Caskie, Robert A., Rocheport, Mo.—Tobacco. H 26. 623
- 87 Boden, H. W., & Co., Milwaukee, Wis.—Vinegar. H 28. 623
- 88 Tobacco-Growers of Penn's Manor, Morrisville, Pa.—Unsweetened tobacco. I 24. 623
- 89 Buist, Robert, Jr., Philadelphia, Pa.—Seeds. G 15. 624
- 90 Fulton, Joseph W., Libertyville, Iowa.—Corn, grains, grass, and field seeds, vegetable seeds, etc. G 15. 624
- 91 Meehan, Thomas, Philadelphia, Pa.—Seeds of native hardy trees and shrubs. G 16. 624

Agricultural Products, Land and Water Animals, Animal Products.

- 92 Thurlow, H., Skaneateles, N. Y.—
Teasels. H 15. 624
- 93 Rogers, C. B., Philadelphia, Pa.—
Field and garden seeds. I 16. 624
- 94 Red Wing Mills, Red Wing, Minn.—
Fife-wheat. I 26. 624
- 95 McLaughlin, J. M., & Son, Skaneateles, N. Y.—Teasels. H 15. 624
- 96 Thornburn, J. M., & Co., New York, N. Y.—Garden, flower, field, and tree seeds. I 26. 624
- 97 Henderson, Peter, & Co., New York, N. Y.—Field and garden seeds. I 16. 624
- 98 Illinois State Board of Agriculture (collective exhibit), Springfield, Ill.—Samples illustrating the agricultural, horticultural, geological, and other resources of the State. G 22. 600-624

Land Animals.

- 99 Michigan State Agricultural College, Lansing, Mich.
a Birds, useful and injurious. H and I 20 to 21. 635
b Insects, useful and injurious. 638
- 100 Beath, J. R., Philadelphia, Pa.—
Stuffed birds. K 23. 635
- 101 Aldrich, P. W., Readville, Mass.—
Stuffed birds. K 23. 635
- 102 Howlett, C. K., Hudson, Ohio.—
Stuffed birds of America. K 23. 635
- 103 Brown, Clark, D. W., Aurora, Ill.—
Stuffed birds. K 24. 635
- 104 Crenshaw, George, Philadelphia, Pa.—Stuffed Hamburg fowls, with their young. K 24. 635
- 105 Academy of Natural Sciences, Allentown, Pa.
a Birds with their nests and eggs. 635
b Quadrupeds. K 23. 637
- 106 Rosenbaum, F., Watertown, Wis.
a Wisconsin birds. K 23. 635
b Animals of Wisconsin. 637
- 107 Forster, Christian, Hamilton, Ohio.
a Mounted birds of North America. K 24. 635
b Mounted animals of North America. 637
- 108 Wallace, John, New York, N. Y.—
Stuffed animals. K 24. 635

[Special displays of Live-Stock are arranged to be held during September, October, and November.]

Water Animals, Fish Culture, and Apparatus.

- 109 Ward, Henry A., Rochester, N. Y.—
Casts of fossils, zoological specimens, mammals, birds, reptiles, fishes, batrachians, etc., stuffed and mounted. K 26 to 27. 640
- 109 a Crenshaw, George, Philadelphia, Pa.—Stuffed fish. K 24. 641
- 110 American Sardine Co., New York, N. Y.—Boneless sardines. A 19. 642
- 111 Hapgood & Co., San Francisco, Cal.—
Preserved salmon. A 19. 642
- 112 Goodale, S. L., Saco, Maine.—Food extract from the juices of fish. J 23. 426
- 113 Rogers, John S., Gloucester, Mass.—
Gelatine, isinglass, and glue made from salt-fish skins. A 22. 646

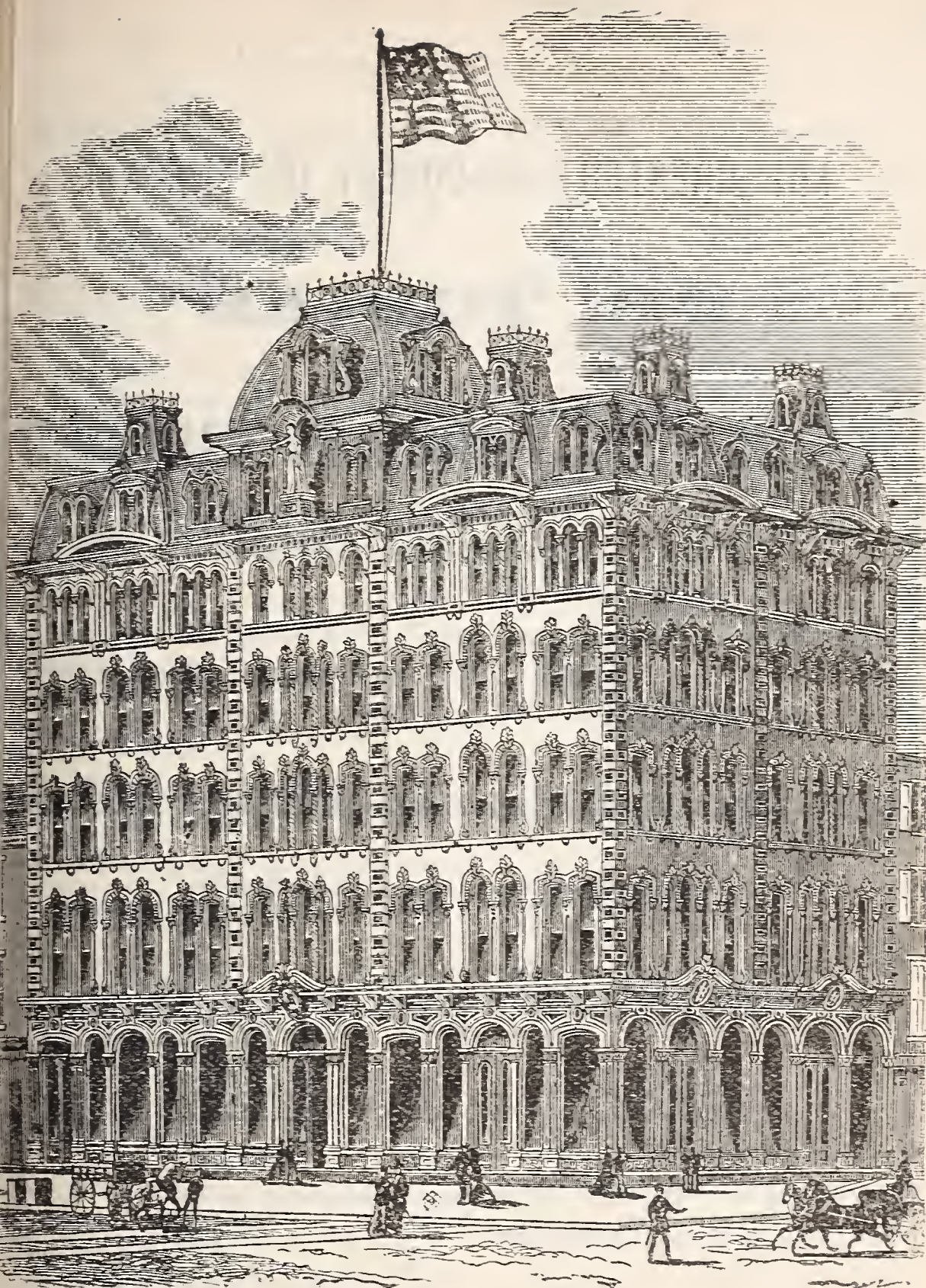
- 114 Norwood, C., & Son, Ipswich, Mass.—
Isinglass. A 22. 646
- 115 Müller, Gustave, Chicago, Ill.—
Russian isinglass. A 22. 646
- 116 Gulden, Charles, New York, N. Y.—
Salad oils. I 28. 646
- 117 Fox, George, Jr., Philadelphia, Pa.—
Split and glued bamboo trout fly rods. A 27. 647
- 118 Shipley, A. B., & Son, Philadelphia, Pa.—Fishing tackle. A 15. 647
- 119 Ferrell, J. A., Bloomfield, Ky.—
Angler's transparent float. A 26. 647
- 120 Mansfield, G. H., & Co., Canton, Mass.—Braided fishing lines. A 26. 647
- 121 Conroy, Bissett, & Malleson, New York, N. Y.—Fishing rods, reels, lints, flies, and fishing tackle. A 28. 647
- 122 City of Gloucester, Essex co., Mass.—
Exhibit of her progress, development, and industries as the largest fishing port in the United States. A and B 20 and 21. 647
- 123 Douglass, W. & B., Middletown, Conn.—Aquariums. C 18. 648
- 124 Murphy & Broom, Philadelphia, Pa.—Aquarium tanks. C 25. 648
- 125 Clarke, N. W., Northville, Mich.—
Fish-hatching apparatus. A 24. 648
- 126 Taxis, E. W., Philadelphia, Pa.—
Aquarium tank. A 21. 648

Animal and Vegetable Products.

- 127 Crawford & Watson, Philadelphia, Pa.—Bleached sponge. F 26. 650
- 128 American Condensed Milk Co., New York, N. Y.—Condensed milk. J 21. 651
- 129 Napheys, George C., & Son, Philadelphia, Pa.—Refined leaf lard. K 20. 652
- 130 Chalmers, James, & Sons, Williamsville, N. Y.—Gelatine. K 22. 652
- 131 Wilcox, W. J., & Co., New York.—
Refined leaf-lard. K 21. 652
- 132 Stein, Hirsh, & Co., Chicago, Ill.—
Egg albumen, blood albumen, casein and dried blood. J 22. 652
- 133 Brown, William H., Peabody, Mass.—Prepared sizing, glue. K 20. 652
- 134 Franklin Glue Works, Pittsburg, Pa.—Glue, neats-foot oil. K 20. 652
- 135 Upton, George, Boston, Mass.—
Glue in sheets, broken, ground, and powdered. K 20. 652
- 136 Peter Cooper's Glue Factory, New York, N. Y.—Glue, gelatine, neats-foot oil. K 22. 652
- 137 Lister Brothers, Newark, N. J.—
Glue, tallow, etc. C 25. 652
- 138 Woods & Carnahan, Cincinnati, Ohio.—Adamantine candles. J 22. 652
- 139 Meriam Packing Co., Boston, Mass.
J 20.
a Hides, tallow, etc. 652
b Mess beef, concentrated roast beef, and canned turtle. 656
- 140 State of Oregon (collective exhibit), Portland, Oregon. E 22.
a Glue, condensed cider. 652
b Dried fruit. 656
c Farina, flour, and oatmeal. 657

Animal and Vegetable Products.

- 141 Mellen & Co., New York, N. Y.—Renovated live-geese feathers. H 17. 653
- 142 Harbison, W. C., New Castle, Pa.—White Mountain honey. J 23. 654
- 143 Fritsch, Joseph, Carlstadt, N. J.—Unbleached wax. J 23. 654
- 144 Lewis, W. K., & Brothers, Boston, Mass.—Preserves, pickles, catsups, condensed milk, canned fruits, meats, and vegetables. J 22. 656
- 145 Portland Packing Co., Portland, Maine.—Canned vegetables, fruits, meats, poultry, and shell-fish. J 23. 656
- 146 Sleeper, Wells, & Aldrich, Burlington, N. J.—Canned vegetables. J 24. 656
- 147 Atmore & Son, Philadelphia, Pa.—Mincemeat and English plum-pudding. J 24. 656
- 148 Slocum, W. H., & Bro., Philadelphia, Pa.—Mincemeat, canned goods. J 23. 656
- 149 Brakeley, Asher, Bordentown, N. J.—Canned tomatoes. J 24. 656
- 150 Anderson & Campbell, Camden, N. J.—Canned fruits, vegetables, fruit-butter, and mincemeat. J 24. 656
- 151 Boyd, G., & Co., Philadelphia, Pa.—Dried grain and fruit. C 22. 656
- 152 Heintz, Noble, & Co., Pittsburg, Pa.—Pickles, vinegar, sauces, catsups, etc. J 22. 656
- 153 Reeves, Parvin, & Co., Philadelphia, Pa.—Canned vegetables. J 23. 656
- 154 Wright, Joshua, & Son, Philadelphia, Pa.—Minced meat. J 24. 656
- 155 Wilson Packing Co., Chicago, Ill.—Hermetically sealed cooked meats; corned beef, ham, tongue, and fresh beef. J 23. 656
- 156 Norris, J. W., & Co., New York, N. Y.—Hams, shoulders, and bacon. J 20. 656
- 157 Githens & Rexsamer, Philadelphia, Pa.—Canned fruits and vegetables. J 23. 656
- 158 Du Vivier & Co., New York, N. Y.—Pickles and delicacies. J 20. 656
- 159 Haller, Ella G., New York, N. Y.—Choice fruits. J 21. 656
- 160 Gordon & Dilworth, New York, N. Y.—Preserved domestic and foreign fruits, jellies, canned goods, sauces, syrups, and general table delicacies. J 23. 656
- 161 Dover Canning Co., Dover, Del.—Canned goods, fresh and preserved fruits, vegetables, meats, etc. I 24. 656
- 162 Snedeker, David, New York, N. Y.—Preserved fruit, vegetables, meat, etc. I 24. 656
- 163 McMurray, L., & Co., Baltimore, Md.—Canned vegetables, fruits, and oysters. J 24. 656
- 164 Richardson & Robbins, Dover, Del.—Canned and preserved fruits, potted meats, etc. J 24. 656
- 165 Fruit-Growers' Trade Co. of New Jersey, New York, N. Y.—Cranberries, natural and preserved, canned tomatoes, etc. D 24. 656
- 166 Clarkson, F. M., & Son, Bridgeville, Del.—Evaporated and conserved fruits and vegetables. J 42. 656
- 167 Borden, John G., Brewsters, N. Y.—Condensed milk, coffee, and cocoa, extract of beef, etc. I 22. 656
- 168 American Desiccating Co., Philadelphia, Pa.—Crystallized cocoanut. J 24. 656
- 169 Chicago Pork-Packers' Association, Chicago, Ill.—Beef, pork, lard, hams, shoulders, sides, bacon, canned meats, tallow, etc. J 17, 18, 19. 656
- 170 Gulden, Charles, New York, N. Y.—Tomato catsup, capers, and olives. I 28. 656
- 171 New York Desiccating Co., New York, N. Y.—Prepared cocoanut for pies, cakes, etc. I 24. 656
- 172 Libby, McNeal, & Libby, Philadelphia, Pa.—Canned cooked meats. J 24. 656
- 173 Reckhow Preserving Co., Paterson, N. J.—Pickles and table sauces. J 22. 656
- 174 New York Hop Extract Co., New York, N. Y.—Hop extract. K 17. 656
- 175 Little Creek Canning Co., Little Creek, Del.—Canned fruits and vegetables. J 23. 656
- 176 Jones, John Winslow, Portland, Maine.—Canned green corn, lobster, mackerel, salmon, and beef. I 23. 656
- 177 Cassard, Geo., Baltimore, Md.—Pepper hams. K 21. 656
- 178 Zane, Norny, & Co., Philadelphia, Pa.—Fruit-preserving powder. J 23. 656
- 179 Annear, John, & Co., Philadelphia, Pa.—Pennsylvania sauce. J 21. 656
- 180 La Croid, James, East Medway, Mass.—Canned vegetables, apples, etc. J 23. 656
- 181 Brooks, E. D., Boston, Mass.—Pickles, preserves, canned goods, etc. J 21. 656
- 182 MacGowan, John K., Philadelphia, Pa.—Table sauce. J 21. 656
- 183 Underwood, W., & Co., Boston, Mass.—Canned meats, fish, fruits, vegetables, etc.; pickles, catsups, sauces, etc. J 24. 656
- 184 Cowdrey, E. T., & Co., Boston, Mass.—Canned vegetables, meats, and fruits, pickles, preserves, and jellies. J 21. 656
- 185 Burnham & Morrill, Portland, Maine.—Canned meats, soups, fish, and vegetables. J 23. 656
- 186 Harris, Milo, Jamestown, N. Y.—Dried fruits. D 23. 656
- 187 Dingee, Squire, Chicago, Ill.—Pickles, chow-chow, and sauces. J 23. 656
- 188 Holgate, Geo., & Co., Oshkosh, Wis.—Preserved fruits and vegetables; preserved meats in joint. J 23. 656
- 189 Williams, John, South Haven, Mich.—Evaporated fruits and vegetables. D 24. 656
- 190 George, P. T., & Co., Baltimore, Md.—Hams, lard, and lard oil. K 21. 656
- 191 Jacob, Chas., jr., & Co., Cincinnati, Ohio.—Hams, shoulders, breakfast bacon, mess pork, mess and dried beef, beef tongues, etc. J 15-16. 656
- 192 Keck, J. L., & Bros., Cincinnati, Ohio.—Pickled meats, lard, etc. J 15-16. 656



SCHENCK'S BUILDING,
Cor. Sixth & Arch Sts., Philadelphia.

SCHENCK'S PULMONIC SYRUP,
A POSITIVE CURE FOR CONSUMPTION.

SCHENCK'S SEAWEEED TONIC,
FOR DYSPEPSIA AND DEBILITY.

SCHENCK'S MANDRAKE PILLS,
FOR ALL BILIOUS DISORDERS.

THE GREATEST DISCOVERY OF THE AGE

IS

DR. TOBIAS'


Celebrated Venetian Liniment

TWENTY-NINE YEARS BEFORE THE PUBLIC.

Warranted to cure Colic, Diarrhœa, Spasms, and Vomiting, taken internally, and Croup, Chronic Rheumatism, Cuts, Bruises, Insect Stings, Sore Throats, Toothache, Old Sores, and Pains in the Back, Chest, and Limbs, externally.

IT HAS NEVER FAILED, NOR HAS ONE BOTTLE BEEN RETURNED,

ALTHOUGH MILLIONS ARE SOLD ANNUALLY.

 *No one once using it is ever without it.*

\$1000 REWARD

Has for years been offered for any certificate which he has published in the newspapers or on his circulars proving false!!

No one should go to sea without it. It cures sea-sickness; and a few drops put in a tumbler of water entirely corrects the impurities, and makes it invaluable on land as on the sea.

Thousands of certificates can be seen at the Depot,

10 PARK PLACE, NEW YORK.

 *Sold by all Druggists. Price, 50 Cents and One Dollar.*

Animal and Vegetable Products.

- 193 Kahn & Forbes, Cincinnati, Ohio.—Mess pork, bacon, lard, sugar-cured hams, boxed meats, etc. J 15-16. 656
- 194 Evans, Lippincott, & Cunningham, Cincinnati, Ohio.—Bacon, hams, mess pork, lard, and breakfast bacon. J 15-16. 656
- 195 Davis, S., Jr., & Co., Cincinnati, Ohio.—Smoked hams and breakfast bacon. J 15-16. 656
- 196 Morrison, James, & Co., Cincinnati, Ohio.—Hams, bacon, mess pork, lard, English meats, etc. J 15-16. 656
- 197 Fell, C. J., & Bro., Philadelphia, Pa. J 21. 656
 a Gelatine. 656
 b Self-raising flour. 657
- 198 Dunbar, G. W., & Sons, New Orleans, La. J 24. 656
 a Shell-fish, vegetables, and fruits. 656
 b Cordials and syrups. 660
- 199 Lagomarsino & Cuneo, Philadelphia, Pa.—Macaroni, vermicelli, fancy paste, farina, etc. J 26. 657
- 200 Outcalt, John, Spotswood, N. J.—Hominy, samp, corn, and wheat flour. J 26. 657
- 201 Tyrrell, I. F., & Co., New York, N. Y.—Oatmeal. J 27. 657
- 202 Schumacher, Ferd., Akron, Ohio.—Oatmeal, barley, farina, cracked wheat, flour, hominy, meal, feed, and grain. J 26. 657
- 203 Hecker, George V., & Co., New York, N. Y.—Self-raising flour, buckwheat, griddle-cake flour, farina, and cracked wheat. J 25. 657
- 204 Red Wing Mills, Red Wing, Minn.—Flour. I 26. 657
- 205 Baltimore Pearl Hominy Co., Baltimore, Md.—Breakfast hominy, meal, flour, samp, etc. J 28. 657
- 206 Jewell Brothers, Brooklyn, N. Y.—Plain and self-raising flour, babies' cereal food. J 28. 657
- 207 Miller, Charles L., Colon, Mich.—Pumpkin flour. J 28. 657
- 208 Stuart & Douglas, Cedar Rapids, Iowa.—Oatmeal. J 22. 657
- 209 Duryea's Glen Cove Starch Co., Glen Cove, N. Y.—Laundry starch, corn starch, and maizena. J 15-16. 658
- 210 Kingsford, T., & Son, Oswego, N. Y.—Laundry starch, corn starch, etc. J 13-14. 658
- 211 Wood, Julius J., & Co., Columbus, Ohio.—Laundry starch, corn starch for food. J 21. 658
- 212 Erkenbrecher, Andrew, Cincinnati, Ohio.—Starch, cornena, sateena, etc. J 17, 18, 19. 658
- 213 Johnson, R., & Son, Madison, Ind.—Starch. J 22. 658
- 214 Miller, H. J., & Co., West Liberty, Ohio.—Maple sugar and molasses. J 25. 659
- 215 Post, C. C., Burlington, Vt.—Maple sugar and syrup. C 24. 659
- 216 Murdork, Albert L., Boston, Mass. H 17. 659
 a Beet sugar. 659
 b Peat. 660
- 217 Nennich, Henry, Philadelphia, Pa.—Vinegar. G 28. 660
- 218 Chalwin, H. A., New York, N. Y.—Cordials, syrups, and extracts. K 11. 660
- 219 Hinckle, Julius, Egg Harbor City, N. J.—Domestic wines. K 12. 660
- 220 Urbana Wine Co., Hammondsport, N. Y.—Champagne, still wines, and brandy from native grapes. K 12. 660
- 221 Johnson, T. H., Bricksburg, N. J.—Domestic wines. J 23. 660
- 222 Mills, William H., Sandusky, Ohio.—Still and sparkling domestic wines. K 14. 660
- 223 American Champagne Co., New York, N. Y.—Still and sparkling wines. K 13. 660
- 224 Smith's, J. H., Sons, New York, N. Y.—California wines and brandies. K 11. 660
- 225 United Wine-Growers, Egg Harbor, N. J.—Native grape wines. K 8. 660
- 226 American Wine Co., St. Louis, Mo.—Sparkling and still wines. K 14. 660
- 227 Dreyfus, B., & Co., San Francisco, Cal.—California wines and brandies. K 14. 660
- 228 Poeschel, M., & Scherer, Hermann, Mo.—Native wines. K 13. 660
- 229 Kohler & Frohling, San Francisco, Cal.—California wines and brandies. K 10-11. 660
- 230 Keller, J. S., Orwigsburg, Pa.—Wine and whisky. K 13. 660
- 231 Werk, C. Wehr, & Son, Middle Bass Island, Ohio.—Native wines. K 8. 660
- 232 Buena Vista Vinicultural Society, San Francisco, Cal.—Wines and brandy. K 11. 660
- 233 Keller, M., Los Angeles, Cal.—Wines and brandies. K 7. 660
- 234 Pleasant Valley Wine Co., Hammondsport, N. Y.—Champagne, still wines, and brandies. K 14. 660
- 235 Middleton, G. W., & Co., Philadelphia, Pa.—Alcohol, rectified, French, and Cologne spirits. K 16. 660
- 236 Landsberger, I., & Co., San Francisco, Cal.—Champagnes and brandies. K 7. 660
- 237 Bellu, Jacob, Detroit, Mich.—Native grape wines, currant and elderberry wines. K 7. 660
- 238 Hathaway, Vincent, & Co., Boston, Mass.—Boston ginger ale. K 17. 660
- 239 Hannis Distillery Co., Philadelphia, Pa.—Whisky. K 15. 660
- 240 Wideman, Hard, & Co., Cleveland, Ohio.—Domestic wines and brandy. K 16. 660
- 241 Pierce, S. S., & Co., Boston, Mass.—Champagne cider. J 23. 660
- 242 Mears, Freed, & Co., New York City, N. Y.—Ale. K 17. 660
- 243 Smith, A. M., Philadelphia, Pa.—Still and sparkling wines from Orleans Hills vineyards, Sacramento, Cal. K 7. 660
- 244 Landauer Bros., Philadelphia, Pa.—Rye whisky. K 16. 660

Vegetable Products, Textile Substances, Implements.

- 245 Levy, James, & Bro., Cincinnati, Ohio.—Bourbon and rye whiskies. K 16. 660
- 246 Bannihe, John H., Egg Harbor City, N. J.—Native grape wines. K 14. 660
- 247 Goetze, F. A., Jersey City, N. J.—Native wines. K 13. 660
- 248 Huck, John A., Chicago, Ill.—Wines. K 12. 660
- 249 Mahé, Gustave, San Francisco, Cal.—Golden wine. K 14. 660
- 250 Steuben County Vineyard Association, Bath, N. Y.—Native grape wines and brandy. K 9. 660
- 251 Cirqui, Joseph, Newark, N. J.—Wine. K 9. 660
- 252 Kelley's Island Wine Co, Kelley's Island, Ohio.—Champagnes and claret wines, etc.; Catawba brandy. K 11. 660
- 253 Perkins, Stern, & Co., New York, N. Y.—California wines and brandies. K 8. 660
- 254 Whitman, Stephen F., & Son, Philadelphia, Pa.—Variety of manufactures in confectionery and chocolate. K 25. 661
- 255 Baker, Walter, & Co., Boston, Mass.—Chocolate and cocoa preparations. K 25. 661
- 256 Rumford Chemical Works, Providence, R. I.—Yeast powder, cream tartar, acid phosphate, and bread preparation. K 21. 661
- 257 Wilson, Walter, G., & Co., Philadelphia, Pa.—Crackers and biscuit. K 23. 661
- 258 Larrabee, E. J., & Co., Albany, N. Y.—Biscuit, crackers, etc. K 22. 661
- 259 Croft, Wilbur, & Co., Philadelphia, Pa.—Confectionery, lozenges, glace fruit, etc. K 26. 661
- 260 Morse, G. Byron, Philadelphia, Pa.—Plain and fancy cakes, milk and cream biscuits, rolls, buns, pastry, etc. K 26. 661
- 261 Chase & Co., Boston, Mass.—Confectionery. K 28. 661
- 262 Hartman, John, Philadelphia, Pa.—Crackers, cakes, and biscuits. K 24. 661
- 263 Weaver, J. R., Philadelphia, Pa.—Confectionery. K 27. 661
- 264 Schare & Co., New York, N. Y.—Ornamental confectionery. K 25. 661
- 265 Mockridge, E., & Co., Philadelphia, Pa.—Azumea, bread, cakes, pastry, etc. K 21. 661
- 266 Greenfried & Strauss, New York, N. Y.—Confectionery, medicated and other lozenges, etc. K 26. 661
- 267 Dexter, E. M., & Co., Philadelphia, Pa.—Ornamental confectionery. K 27. 661
- 268 Laurent, F., Philadelphia, Pa.—Confectionery and decorative ornaments for cakes. K 27. 661
- 269 Henry Maillard, New York, N. Y.—Bonbons, chocolate, ornamental confectionery. K 25. 661
- 270 Thorn & Brother, Trenton, N. J.—Crackers, butter, oyster, wine, and scroll biscuit. K 24. 661
- 271 Geilfuss, H. H., Philadelphia, Pa.—Ornamental confectionery. K 28. 661
- 272 Heide & Wirtz, New York, N. Y.—Almond paste. K 23. 661
- 273 Brunnen, Christ-zum, Philadelphia, Pa.—Fine confectionery, lozenges. K 28. 661
- 274 Exton, Adam, & Co., Trenton, N. J.—Butter, oyster, and wine crackers. K 23. 661
- 275 Runkel, H., & Co., Clifton, N. Y.—Chocolate goods and cocoa for confectioners. K 28. 661
- 276 Florentine Candy Company, Chicago, Ill.—Flake candy. K 27. 661
- 277 National Yeast Company, Seneca Falls, N. Y.—Dry-hop yeast cakes. K 17. 661
- 278 Smith's Homeopathic Pharmacy, New York, N. Y.—Alkethrepta, soluble chocolate, and chocolate confections. K 27. 661
- 279 Thurston, Hall, & Co., Cambridgeport, Mass.—Boston crackers. K 21. 661
- 280 Central Oil Mills, Selma, Ala.—Crude cotton-seed oil, refined oil, and cotton-seed oil-cake. C 25. 662

Textile Substances of Vegetable or Animal Origin.

- 281 Murdork, Albert L., Boston, Mass.—Cotton from all countries. E 25. 665
- 282 Claghorn, Herring, & Co., Philadelphia, Pa.—The cottons of the world. G 18 and 19. 665
- 283 State of West Virginia (collective exhibit).—Hemp and flax. F 19. 666
- 284 George Stratford, Jersey City, N. J.—Oakum. H 17. 666
- 285 Boston Excelsior Co., Boston, Mass.—Excelsior for upholstering purposes. I 17. 666
- 286 Wannemacher, Samuel, North Jackson, Ohio.—Spinning tow, made from native flax straw. E 24. 666
- 287 American Linen-Thread Co., Mechanicville, N. Y.—Flax, gilling, and machine threads, warp, filling, and twines. E 24. 666
- 288 State of Oregon, Portland, Oregon.—Wool and woolen fabrics. E 22. 667
- 289 Bond, George W., Boston, Mass.—Commercial wools. I 19. 667
- 290 Northern Ohio Woollen Mills, Cleveland, Ohio.—All-wool shoddies. I 18. 667
- 291 Wilkens, Theodore, New York, N. Y.—Hair moss for upholstering. E 26. 669
- 292 Mellen & Co., New York, N. Y.—Curled horse-hair tickings. I 26. 669
- 293 Herzog, J., & Co., San Francisco, Cal.—Eureka hair, substitute for curled hair. H 17. 669
- 294 Franklin Glue Works, Pittsburg, Pa.—Curled hair. K 20. 669
- 295 Wilkens, William, & Co., Baltimore, Md.—Bristles, horse-hair, fibre, curled hair, etc. H 17. 669

Machines, Implements, and Processes of Manufacture.

- 296 Collins & Co., Hartford, Conn.—Axes, hatchets, adzes, machetes, railway and mining tools, plows, etc. N 24. 670

Machines, Implements, and Processes of Manufacture.

- 297 Myers & Ervien, Philadelphia, Pa.—Hay-forks, etc., potato-drags. S 25. 670
- 298 Sweepstakes Plow Co., San Francisco, Cal.—Gang-plows, tiller-plows, etc. N 25. 670
- 299 Harper, Smith, Philadelphia, Pa.—Steel hoes, rakes, etc. T 26. 670
- 300 Bean, H., & B. F., Pawling, Pa.—Corn-marker, cultivator, grain and seed sower. N 19. 670
- 301 Bateman, E. S., & F., Spring Mills, N. J.—Field and garden cultivators. N 23. 670
- 302 Peppler, Thomas, Hightstown, N. J.—Plow and cultivator. M 24. 670
- 303 Kissell, Blount, & Co., Springfield, Ohio.—Corn cultivator. N 24. 670
- 304 Bucher, Gibbs, & Co., Canton, Ohio.—Plows on revolving tables representing "1776 and 1876." L 24. 670
- 305 Decker, P. H., Chicago, Ill.—Hollow tooth harrow, and roller mold-board plow. P 26. 670
- 306 Parrott, Charles, Dayton, Ohio.—Plows. L 25. 670
- 307 O'Brien, J., Kewanee, Ill.—Sectional vibrating harrows. L 26. 670
- 308 Park, H., & H., Mt. Victory, Ohio.—Fork, hoe, and broom handles. T 25. 670
- 309 Beers, Edwin A., De Kalb, Ill.—Sulky and gang plows. L 27. 670
- 310 Deere & Co., Moline, Ill.—Steel plows, gang and sulky plows, walking corn-cultivators. Q 24. 670
- 311 Morrison Brothers, Fort Madison, Iowa.—Self-cleaning iron and wood beam plow. L 24. 670
- 312 Sheble & Fisher, Philadelphia, Pa.—Hay and manure forks, rakes, potato-hooks, and manure-drags. S 25. 670
- 313 Wallace, Samuel J., Keokuk, Iowa.—Straddle-row cultivator. L 26. 670
- 314 Miller & Wallace, Keokuk, Iowa.—Texas plow. L 26. 670
- 315 Isaacs, Fred. H., Newark, N. J.—Sulky gang-plow. M 25. 670
- 316 Cotton, A. C., Vineland, N. J.—Reversible scuffle-hoe. D 17. 670
- 317 Heydrick, W. H. H., Philadelphia, Pa.—Steam plow, and farm engine. L 23. 670
- 318 Myer, B., Newark, N. J.—Plows. N 25. 670
- 319 Coupal & Dalpaz, St. Anne, Ill.—Dirt-scraper. C 17. 670
- 320 Brewster, Dodge, & Huse, Peru, Ill.—Wheel corn-cultivator, steel plows for old ground and for breaking prairie-sod. Q 26. 670
- 321 Greenwich Machine Works, Greenwich, N. Y.—Cultivator and shovel plow. M 26. 670
- 322 Richmond Plow Works, Richmond, Ind.—Steel plows. L 25. 670
- 323 Moline Plow Co., Moline, Ill.—Wood-beam plows, steel-beam plows, and cultivators. Q 26 and 28. 670
- 324 Laurence and Chapin, Kalamazoo, Mich.—Plows. M 24. 670
- 325 Muschert, B. F., Morrisville, Pa.—Cultivator plow. M 25. 670
- 326 Rogers, C. B., Philadelphia, Pa.—Cultivators, berry and fruit baskets. M 26. 670
- 327 Benson, B. S., Baltimore, Md.—Steam plow. N 9. 670
- 328 Speer, Alexander, & Sons, Pittsburgh, Pa.—Iron and steel plows. M and L 28. 670
- 329 South Bend Iron Works, South Bend, Ind.—Chilled plows and attachments, specimens of chilled metal. P 26. 670
- 330 Hull, David H., Syracuse, N. Y.—Machine for stripping and booking tobacco. M 22. 670
- 331 Brous, T. Miles, Philadelphia, Pa.—Plows. M 24. 670
- 332 Buford, H. D., & Co., Rock Island, Ill.—Plows and cultivators. O 28. 670
- 333 Wiard & Hough, East Avon, N. Y.—Wood and iron beam plows. O 26. 670
- 334 Estes, William A., Boston, Mass.—Anti-friction plow. N 26. 670
- 335 Halsey, H. Monroe, Thomaston, Me.—Rotary harrow. L 28. 670
- 336 Travis, A. B., Brandon, Mich. L 22. 670
a Horse wheat-hoe. 670
b Seed drill. 671
- 337 Root, D., Son & Co., Mount Joy, Pa.—Steel and iron plows, cultivators, and agricultural steels. L 28. 670
- 338 Reynolds, E. D., & O. B., Brockton, Mass. N 25. 670
a Gang plows and attachments, cultivators, harrows, and horse hoes. 670
b Seed drills, planters, etc. 671
- 339 Pitcher, L. D., Dixon, Ill.—Loose-grain fork. T 25. 670
- 340 Chicago Plow Co., Chicago, Ill.—Plows and cultivators. P 28. 670
- 341 Wagener, Jephtha A., Holtsville, N. Y. P 22. 670
a Plow with new attachments. 570
b Corn-stalk cutter and grinder. 674
- 342 Avery, B. F., & Sons, Louisville, Ky.—Plows, cultivators, etc. N 28. 670
- 343 Walker, James R., Detroit, Mich.—Iron plow. K 28. 670
- 344 Harnish, Edward P., Felton, Del. L 22. 670
a Cultivator. 670
b Corn-planter. 671
- 345 Gregg & Co., Trumansburg, N. Y. R 20. 670
a Sulky-plow. 670
b Mowing-machine. 672
- 346 Hutchinson, Samuel, Griggsville, Ill.—Adjustable harrow. P 28. 670
- 347 Opp, Henry, Belleville, Ill.—Gang and sulky plow. M 24. 670
- 348 Gifford, Johnson, & Co., Hudson, N. Y.—Pulverizing-cultivators, corn-cultivators, and hilling-plows. O 26. 670
- 349 Keller, Charles F., Harbor Creek, Pa. M 24. 670
a Combined cultivator and planter. 670
b Double-row self-regulating planter. 671
- 350 Ames, Oliver, & Sons, North Easton, Mass.—Shovels, spades, scoops, and drainage tools. S 26. 670
- 351 Griffiths, George, Philadelphia, Pa.—Shovels, spades, handles, coal-hods, and pans. T 27. 670

Machines, Implements, and Processes of Manufacture.

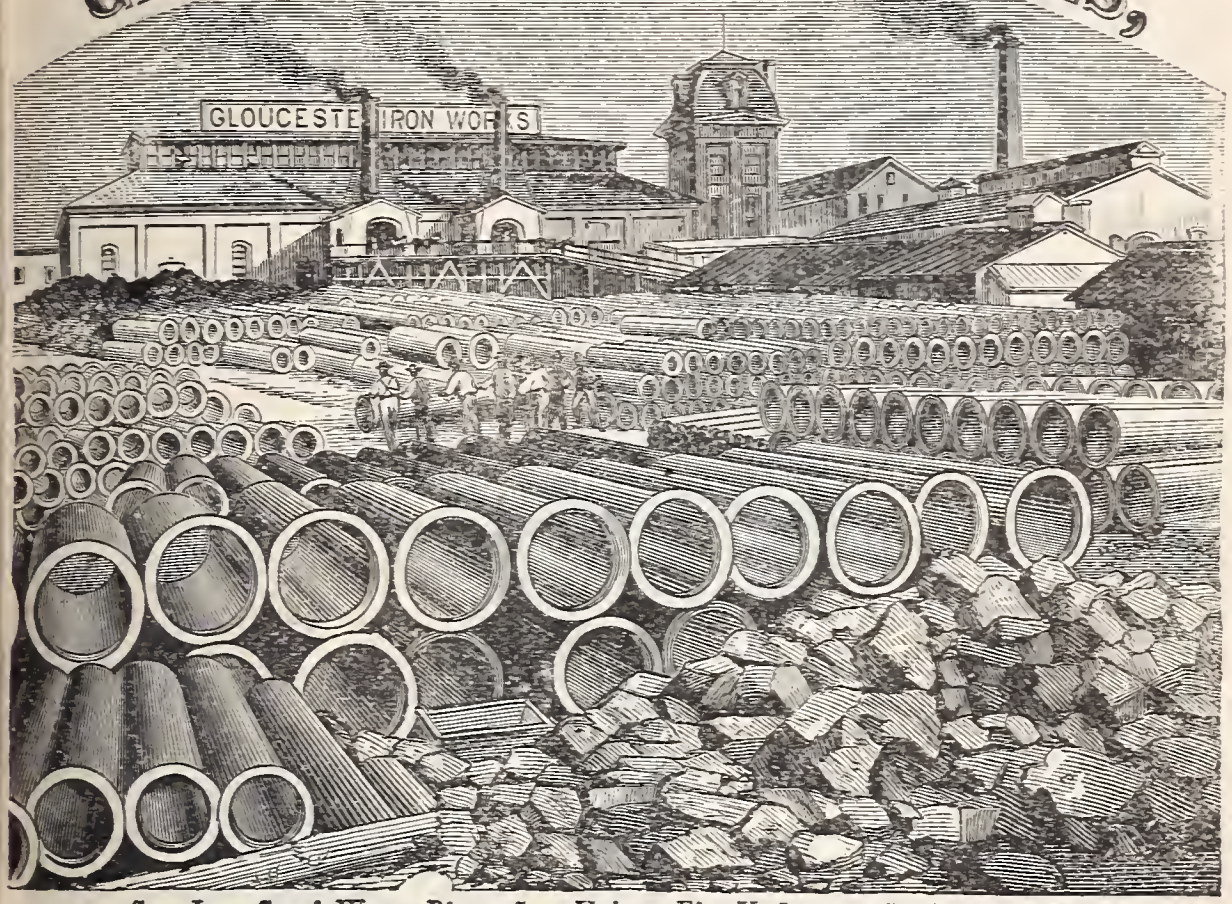
- 352 Frank, Charles, Freeburg, Ill.—Combined plow and cultivator, plows, cultivators, etc. M 26. 670
- 353 Rowland, T., & Sons, Philadelphia, Pa.—Shovels and spades. T 17, A 17. 670
- 354 Walton, Silas, Moorestown, N. J.—Garden and field cultivator. L 25. 670
- 355 Rue, J. Chalmers, Englishtown, N. J.—Gang-plow. L 25. 670
- 356 Smith, Peter E., Scotland Neck, N. C. M 24. 670
a Sulky-plow. 670
b Cotton-seed planter. 671
- 357 Bayliss, Edwin, Massillon, Ohio. O 17-18. 670
a Wheel-harrow, iron cultivator, and shovel-plow. 670
b Harvester. 672
- 358 Ward's Fertilizer Co., Boston, Mass. M 26. 670
a Harrows. 670
b Potato-planter and digger. 671
- 359 Brown, Hinman & Co., Columbus, Ohio. T 25. 670
a Weeding-hoes, garden-rakes, manure and spading forks. 670
b Scythe-snaths, grain-cradles, hay-forks, etc. 672
- 360 Mabbett, Truman, Vineland, N. J. O 26. 670
a Hand and horse cultivators. 670
b Berry-crates. 674
- 361 Withington, Cooley, & Co., Jackson, Mich. T 25. 670
a Cast-steel hoes, rakes, and potato-hooks. 670
b Hay and manure forks, scythe-snaths, etc. 672
- 362 Morrison & Fay, Bryan, Ohio. M 25. 670
a Plow. 670
b Corn-sheller. 674
- 363 Grove, M. M., & Co., Harrisburg, Pa. M 22. 670
a Carriage axle. 670
b Harvester crank pin and journal. 674
- 364 Brownback, P. N., Limerick Station, Pa. N 16. 670
a Threshing-machine, dust-conveyer, and plows. 670
b Self-acting hay-rake, mower, and reaper. 672
c Sausage-cutter, stuffer, etc. 674
- 365 Thomas, Ludlow, & Rodgers, Springfield, Ohio. N 18. 670
a Broad-cast seed-sower and cultivator. 670
b Grain-drill and seed-sower. 671
c Wine and cider mill presses. 674
- 366 Higganum Manufacturing Co., Higganum, Conn. L 25. 670
a Plows and agricultural implements. 670
b Corn-shellors, hay-spreaders, etc. 674
c Cider-mills, meat-cutters, etc. 673
- 367 Remington, E., & Sons, Ilion, N. Y. O 19. 670
a Plows, cultivators, hoes, shovels. 670
b Mower, horse and hand-rakes. 672
c Cotton-gin. 673
d Milk-cooler. 675
- 368 Pennsylvania Agricultural Works, York, Pa. O and P 24. 670
a Plows, cultivators, and tools for cultivation. 670
b Seed-planter. 671
c Threshing-machines, horse-powers. 673
d Cotton-gins, steam-engines, and agricultural steels. 674
- 369 New York Plow Co., New York, N. Y. N 21. 670
a Plows, harrows, rollers, clod-crushers, etc. 670
b Hay-rakes. 672
c Corn-shellors. 673
d Cider and wine mills. 674
- 370 Hillborn, Buckman, & Co., Newtown, Pa. L 11. 670
a Plows. 670
b Mower, horse-rake, etc. 672
c Corn-sheller. 673
d Fodder-cutter. 674
- 371 Wheeler & Melick Co., Albany, N. Y. Q 7. 670
a Wheel horse-rakes. 670
b Horse hay-rakes. 672
c Clover-huller, cider-mill and press, thresher and separator, horse, railway, and lever power. 673
d Feed-mill, cutter, wood-sawing machines, etc. 674
e Dog-power for churning. 675
- 372 Allen, S. L., & Co., Philadelphia, Pa.—Farm and garden tools. M 20. 671
- 373 Farmers' Friend Manufacturing Co., Dayton, Ohio.—Grain, seed, and fertilizer drills. N 17. 671
- 374 Mast, P. P., & Co., Springfield, Ohio.—Grain-drills and seed-sowers, broadcast seeder and cultivator, riding or walking cultivator, and plow-sulky. M 17. 671
- 375 McSherry, D. E., & Co., Dayton, Ohio.—Grain and seed drills. M 18. 671
- 376 Petrie, James A., Jersey City, N. J.—Ground-markers and furrowers. N 23. 671
- 377 Mechanicsburg Machine Co., Mechanicsburg, Ohio.—Screw-feed grain-drill. L 18. 671
- 378 Baker, John C., Mechanicsburg, Ohio.—Screw-feed grain-drill. L 18. 671
- 379 Haworth Planter Co., London, Ohio.—Agricultural implements. L 18. 671
- 380 Clarridge, John, Mt. Sterling, Ohio.—Corn and cotton-seed planter. M 17. 671
- 381 S. J. Waite Manufacturing Co., Worcester, Mass. N 22. 671
a Breast drill, corner brace, saw-sett, and lathe. 671
b Apple-parer. 674
- 382 Nash & Brother, New York, N. Y.—Potato-planter. N 19. 671
- 383 Alling, Prudden, Norwalk, Ohio.—Garden cultivator and seed-drill. N 19. 671
- 384 Bickford & Huffman, Macedon, N. Y.—Grain-drills and attachments. L 18. 671
- 385 Hall, H. L., Chicago, Ill.—Combined seed-sower and cultivator. L 19. 671
- 386 Vandiver Corn-Planter Co., Quincy, Ill.—Corn-planter. M 26 and 28. 671
- 387 Beitzell, Henry, Centreville, Ind.—Corn planter and drill combined. L 20. 671
- 388 Hoosier Drill Co., Milton, Ind.—Wheat-drill with grass-seed attachment, corn-drill. K 19. 671
- 389 Sargent, Charles R., Newburyport, Mass.—Garden-seed sower. N 19. 671
- 390 Johnson & Gere, Owego, N. Y.—Grain-drill and attachments, fertilizer-sower. M 19. 671

David S. Brown, Pres't.
Benj. Chew, Treas.

Jas. P. Michellon, Sec'y.
Wm. Sexton, Sup't.

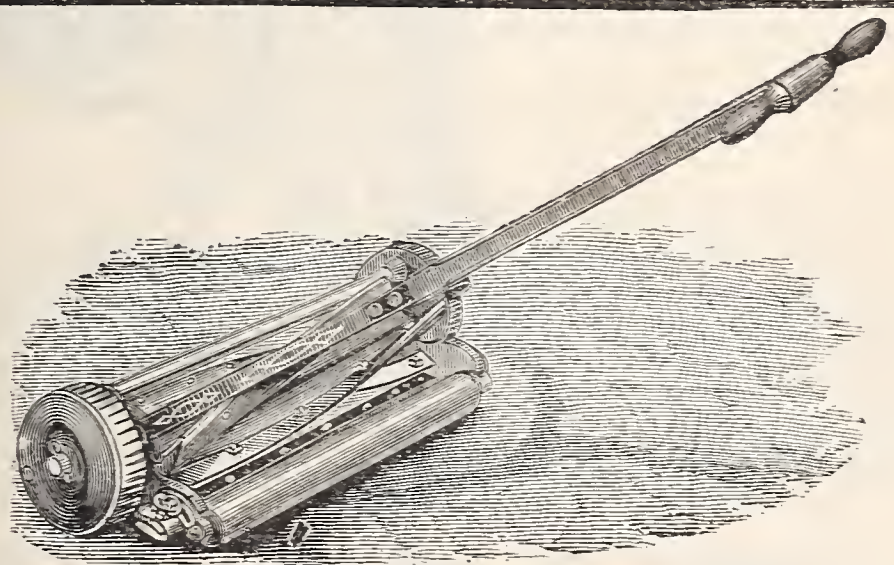
GLOUCESTER IRON WORKS,

GLOUCESTER CITY, NEW JERSEY.



Cast Iron Gas & Water Pipes, Stop Valves, Fire Hydrants, Gas Holders, &c.

Office, Philadelphia, No. 6 North Seventh St.



THE PHILADELPHIA LAWN MOWERS.

WIDTH.	POWER REQUIRED.	WEIGHT.	PRICE.
10 inch,	A Lady,	28 lbs.	\$15.00
12 "	"	34 "	18.00
14 "	A Youth,	37 "	20.00
16 "	One Man,	41 "	22.00
18 "	"	46 "	24.00

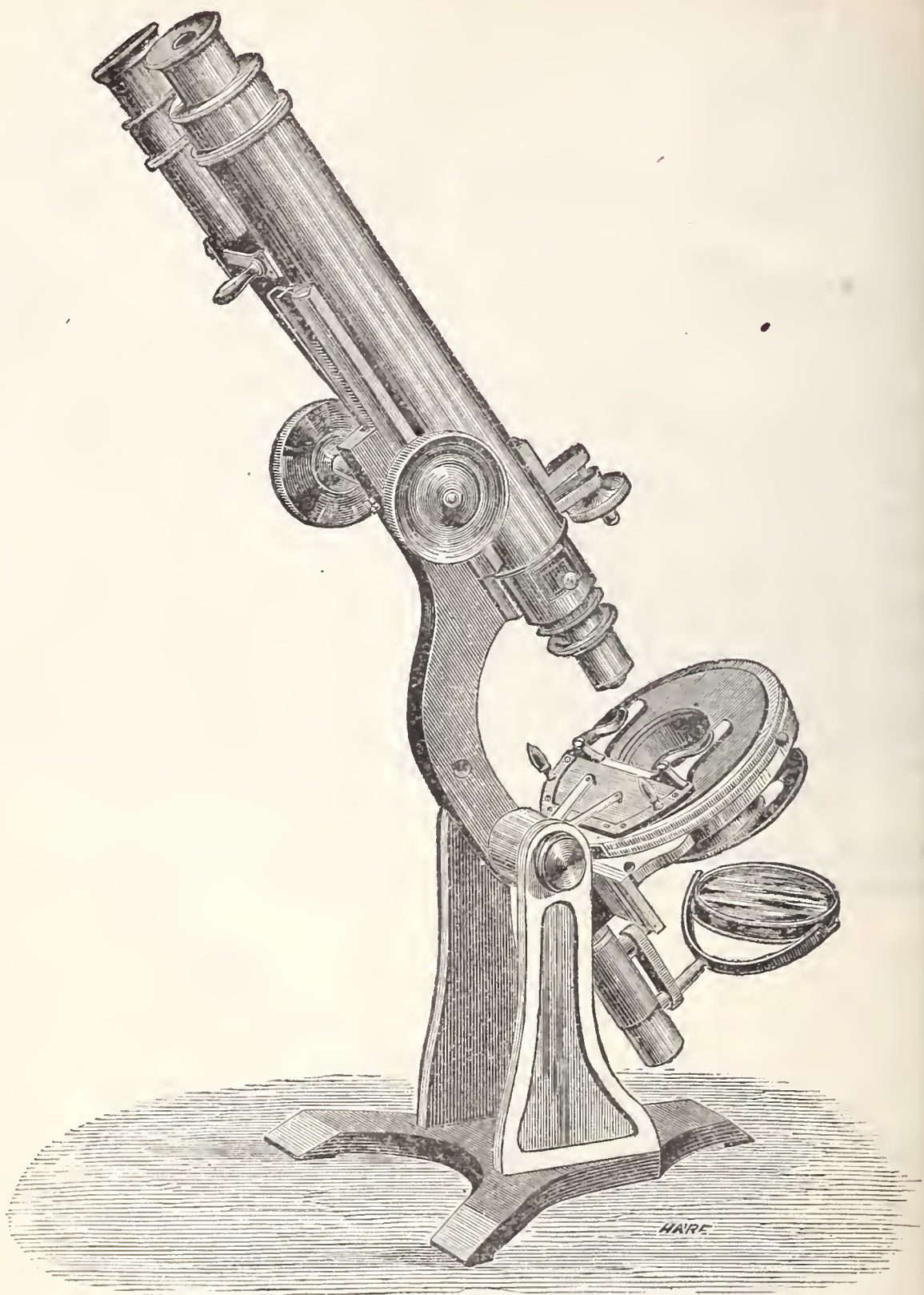
WIDTH.	POWER REQUIRED.	WEIGHT.	PRICE.
20 inch.	One Man,	50 lbs.	\$26.00
15 "	"	51 "	22.00
30 "	Light Horse,	300 "	90.00
30 "	" "	345 "	110.00

These Lawn Mowers being but little over half the weight of the old style machines, they are far easier handled and very much lighter draft. They are on exhibition in Agricultural Hall, Columns L and 13 and 14.

GRAHAM, EMLIN & PASSMORE,

631 Market St., Philadelphia.

BIERNATZKI & CO., Hamburg, Germany. } European Agents.
London, England.



JAMES W. QUEEN & CO.

OPTICIANS,

No. 924 Chestnut Street, Philadelphia.

Manufacturers of the most approved
SPECTACLES AND EYE-GLASSES,
OPERA AND FIELD GLASSES, SPY-GLASSES,
TELESCOPES, MICROSCOPES, &c., &c
DRAWING INSTRUMENTS.

Catalogues on application.

Machines, Implements, and Processes of Manufacture.

- 391 Vandoran, F., Adrian, Mich.—
Corn-planter. M 22. 671
- 392 Asay & Wood, Philadelphia, Pa.—
Combined corn-planter, fertilizer-distrib-
utor, and deflecting cultivator. N 22. 671
- 393 Crowell, J. B., & Co., Green Castle,
Pa.—Grain, guano, and grass-seed drills.
L 21. 671
- 394 Willoughby, James D., Philadel-
phia, Pa.—Grain-drill, with and without
fertilizer attachment. L 22. 671
- 395 Sweeney, Hugh M., Worcester,
Mass.—Liquid fertilizing machine. L
22. 671
- 396 Springfield Manufacturing Co.,
Springfield, Ill.—Corn-planter. L 19. 671
- 397 Worth, Andrew R., Nantucket,
Mass.—Drill-barrow seed-sower. L 20. 671
- 398 Reutchler, D., & H., Belleville, Ill.
—Grain and seed drills. M 19. 671
- 399 Stevens, Seth, Fryeburg Centre,
Maine.—Corn-planter. P 26. 671
- 400 Seymour, John B., Philadelphia,
Pa.—Box-hoe seed-planter. T 8. 671
- 401 Rutschman Bros., Philadelphia,
Pa. S 24.
a Self-feeding hand-drill. 671
b Meat-chopper. 674
- 402 Keystone Manufacturing Co., Ster-
ling, Ill. L 19.
a Corn-planter. 671
b Corn-sheller, cider mill and press. 673
- 403 Esterly, George, & Son, White-
water, Wis. P 20 and 21.
a Cultivator and seeder combined. 671
b Harvester, self-raking reaper. 672
- 404 Brown, George W., Galesburg, Ill.
L 22.
a Corn-planter. 671
b Field corn-stalk cutter. 672
- 405 Goodell Co., Antrim, N. H. T 14.
a Broadcast seed-sower. 671
b Apple-parers, peach-parers, cherry-
stoners, etc. 674
- 406 Hagerstown Agricultural Imple-
ment Manufacturing Co., Hagerstown,
Md. R and S 26.
a Grain, seed, and fertilizing drills. 671
b Clover huller and cleaner. 673
c Feed-cutter. 674
- 407 Williams Bros., Ithaca, N. Y. P 12.
a Fertilizer and grain-sower. 671
b Horse hay-rake. 672
c Portable engine. 674
- 408 Adriance, Platt, & Co., New York,
N. Y.—Self-raking reapers and mowers.
T 15. 672
- 409 Eagle Mowing and Reaping Ma-
chine Co., Albany, N. Y.—Mowing and
reaping machines. T 18. 672
- 410 Osborne, D. M., & Co., Auburn, N.
Y.—Mowing and reaping machines. O
13 and 14. 672
- 411 Wood, Walter A., Hoosac Falls,
N. Y. S 13 and T 14.
a Droppers. 671
b Mowers, reapers, harvesters, etc. 672
- 412 Warder, Mitchell, & Co., Spring-
field, Ohio.—Reapers and mowers. P
15. 672
- 413 Thomas, John H., & Sons, Spring-
field, Ohio.—Sulky-spring tooth hay-rake.
C 15. 672
- 414 Whiteley, Fassler, & Kelly, Spring-
field, Ohio.—Reapers and mowers. O 15
and 16. 672
- 415 Dayton Machine Co., Dayton, Ohio.
—Self-dumping and hand-lever hay-rakes.
L 15. 672
- 416 Ohmer, Augustus I., Hamilton,
Ohio.—Hand mowing-machines. M
13. 672
- 417 Stoddard, John W., & Co., Dayton,
Ohio.—Sulky horse hay-rakes. M 15. 672
- 418 Barnes, George, & Co., Syracuse,
N. Y.—Mower-knives, reaper-sickles,
spring keys, and cotters. M 15. 672
- 419 Taylor, B. C., Dayton, Ohio.—Self-
dumping horse-rakes. L 24. 672
- 420 Coates, A. W., Alliance, Ohio.—
Lock-lever horse hay-rake. L 15. 672
- 421 Walker, Benjamin L., Sing Sing,
N. Y. M 14.
a Lawn-mowers, screw-wrench, ratchet-
drill. 672
b Can-opener. 674
- 422 Chadhorn & Coldwell, Newburgh,
N. Y.—Lawn-mower. N 13. 672
- 423 Wisner, J. E., Friendship, N. Y.—
Self-discharging rake. M 25. 672
- 424 Converse, Bolivar C., Springfield,
Ohio.—Reaping-machine. R 16. 672
- 425 Eagle Company, Riverton, Conn.—
Grain, grass, and bush scythes, grass-
hooks, corn and hay knives. T 25. 672
- 426 Huber Manufacturing Co., Marion,
Ohio.—Revolving hay-rake. L 16. 672
- 427 Dutton, R., Yonkers, N. Y.—Reap-
ing and mowing machine. Q 24. 672
- 428 Rochester Agricultural Works,
Rochester, N. Y.—Reapers and mowers.
F 14. 672
- 429 Leiberling, J. F., Akron, Ohio.—
Mower and attachments. Q 14. 672
- 430 Whitman & Miles Manufacturing
Co., Akron, Ohio.—Mowing and reaping
machine knives, sickles, and sections. T
18. 672
- 431 Aultman, Miller, & Co., Akron,
Ohio.—Mower with table-rake reaper.
Q 15. 672
- 432 Spink, James L., & Co., Minneapo-
lis, Minn.—Mowers and reapers. Q
14. 672
- 433 Bellaire Manufacturing Co., Bel-
laire, Ohio.—Mower and reaper. P
14. 672
- 434 Russell, C., & Co., Canton, Ohio.—
Self-raker, reaper, and mower combined,
single mower. R 14. 672
- 435 Tschop, Albert, Harrisburg, Pa.—
Self-dumping wheel hay-rake. L 15. 672
- 436 Hewit, John C., Pennsgrove, N. J.
—Potato-digger. M 16. 672
- 437 Bryan & Clement, Troy, N. Y.—
Reversible mower. Q 13. 672
- 438 Graham, Emlen, & Passmore,
Philadelphia, Pa.—Lawn-mower. L 13
and 14. 672
- 439 Nellis, A. J., Pittsburg, Pa.—Har-
poon horse hay-fork. M 15. 672
- 440 Field & Carpenter, Port Chester,
N. Y.—Self-discharging hay-rake. L
15. 672

Machines, Implements, and Processes of Manufacture.

- 441 Clegg, Wood, & Co., Dayton, Ohio.—Self-discharging hay-rake. L 15. 672
- 442 Hills' Archimedean Lawn-Mower Co., Hartford, Conn.—Lawn-mowers. N 13. 672
- 443 Norton, James, Hightstown, N. J.—Potato-digger. M 16. 672
- 444 Fisher, Henry, Canton, Ohio.—Prairie-mower, knife-grinders, and knife-sections. T 24. 672
- 445 Gibbs & Sterrett Manufacturing Co., Corry, Pa.—Mower and attachments, hay-conveyer. Q 17 and 18. 672
- 446 The Johnston Harvester Co., Brockport, N. Y.—Self-raking reaper, harvester, mower, and automatic grain-binder. O 20 and 21. 672
- 447 Hurlburt, Samuel G., Laporte, Ohio.—Steel-tooth wheel-rake. L 15. 672
- 448 Wright, James W., Minneapolis, Minn.—Grain-harvester and binder. N 22. 672
- 449 Superior Mower and Reaper Co., Wheeling, W. Va.—Mowing-machine, mower and reaper. P 16. 672
- 450 Bradley Manufacturing Co., Syracuse, N. Y.—Self-dumping hay-rake, mower, and self-raking harvester. P 14. 672
- 451 Norwalk Lawn-Mower Co., Norwalk, Conn.—Lawn-mowers. M 14. 672
- 452 Chapman Binder Co., Rochester, Minn.—Reaper and binder. T 17. 672
- 453 Towanda Eureka Mower Co., Towanda, Pa.—Mower and reaper. Q 19. 672
- 454 Bartram Sewing-Machine Co., Danbury, Conn.—Revolving cutter lawn-mowers. R 14. 672
- 455 Perry, Stuart, Newport, N. Y.—Hay-tedder. M 15. 672
- 456 St. Paul Harvester Co., St. Paul, Minn.—Harvester. P 13. 672
- 457 Hand, S. A., Philadelphia, Pa.—Lawn-mower. M 15. 672
- 458 Mayo, M. C., Boston, Mass.—Mowing-machine. T 19. 672
- 459 Nye, S. R., Winchendon, Mass.—Horse-rake. L 15. 672
- 460 Kenyon, William G., Wakefield, R. I.—Mowing-machine. P 19. 672
- 461 Maule, James S., Lewisburg, Pa.—Mower and automatic reaper. S 17. 672
- 462 Ithaca Agricultural Works, Ithaca, N. Y.—Wheel-rake and attachments. N 15. 672
- 463 Holt, Hiram, & Co., East Wilton, Me.—Grass and bush scythes, hay-knives, etc. T 25. 672
- 464 Read, C. A., Bridgeport, Conn.—Lawn-mower. M 14. 672
- 465 Morgan, D. S., & Co., Brookport, N. Y.—Reaping and mowing machines. P 18. 672
- 466 Goodwin, William F., Stelton, N. J.—Mowing and reaping machine. Q 13. 672
- 467 Kenyon Brothers, Carbondale, Pa.—Potato-digger. M 15. 672
- 468 Mann, H. F., Pittsburg, Pa.—Harvesting and mowing machine. S and T 19. 672
- 469 Gammon & Deering, Chicago, Ill.—Harvester, automatic binder, wind-mill. O 20 and 21. 672
- 470 Easter, J. D., & Co., Chicago, Ill.—Harvester. Q 16. 672
- 471 Otis Brothers & Co., New York, N. Y.—Mowing-machine. S 22. 672
- 472 Harrison Manufacturing Co., Lansing, Mich.—Rubber-lined knife-head for reapers and mowers. T 17. 672
- 473 Champion Machine Co., Springfield, Ill.—Reapers, mowers, rakers, and drop-pers. Q 15. 672
- 474 Bushnell, S. H., Fairport, N. Y.—Sulky rake. N 15. 672
- 475 Lemis, James H., Detroit, Mich.—Potato-digger. N 15. 672
- 476 Richardson Manufacturing Co., Worcester, Mass.—Combined mower and reaper, hay-tedder, etc. M 14. 672
- 477 West, Henry T., Milwaukee, Wis.—Lawn-mower. M 14. 672
- 478 Morse, Ben., Ithaca, N. Y.—Horse-rake. L 16. 672
- 479 Lee, James, jr., Stonersville, Pa.—Hay-tedder with rake. L 15. 672
- 480 Westfall, D. B., Lyons, N. Y.—Potato-digger. L 16. 672
- 481 Gulick, Edwin, New Brunswick, N. J.—Safety-seat for harvesters and mowers. T 8. 672
- 482 Myers, Hiram, Springfield, Ohio.—Sulky hay-rake and stuffing-box. R 28. 672
- 483 Vermont Farm Machine Co., Bel-lows Falls, N. Y.—Gleaner, horse, hay, and grain rake. K 15. 672
- 484 Dunn Edge Tool Co., West Water-ville, Me.—Scythes, axes, grass-hooks, hay, straw, and corn knives. R 24. 672
- 485 Riggs, M. B., Palmyra, N. Y.—Potato-digger. L 26. 672
- 486 Stevens, Ansel, Gorham, Maine.—Mower. T 21. 672
- 487 McMentry, John, Lexington, Ky.—Reaper and mower. P 17. 672
- 488 McPherson, D., Caledonia, N. Y.—Automatic grain-binder. R 17. 672
- 489 Patrons' Manufacturing Associa-tion, Indianapolis, Ind.—Direct draft mower. L 25. 672
- 490 Aultman, C., & Co., Canton, Ohio. Q and R 22. 672
a Mower, dropper, and raker. 672
b Thresher. 673
- 491 Stratton & Cullum, Meadville, Pa. R 15. 672
a Mowing-machine. 672
b Hay-loading machine. 673
- 492 Sandwich Manufacturing Co., Sandwich, Ill. S and T 20-21. 672
a Harvester. 672
b Self-feeding corn-sheller. 674
- 493 Rue, George W., Hamilton, Ohio. N 15. 670
a Garden-cultivator. 672
b Potato-digger. 672
- 494 Pritz, A., & Sons, Dayton, Ohio. S 16. 670
a Grain-drill. 671
b Field-roller. 672
c Self-raking reaper and mower. 672

Machines, Implements, and Processes of Manufacture.

- 495 Harbert & Raymond, Philadelphia, Pa. P 10.
a Mower and hay-rakes. 672
b Threshing-machine and clover-mill. 673
c Portable steam-engine, portable saw-mill, and hay-cutters. 674
- 496 Burt, Hildreth, & Co., Harvard, Mass. N 14.
a Horse-rakes, car-brakes, and broom-corn scrapers. 672
b Horse-powers. 673
c Wood-sawing and splitting machine. 674
- 497 Cohu, A. B., New York, N. Y. P 28.
a Rake. 672
b Corn-sheller, stalk-cutter, hand-saw-mill. 674
c Churn. 675
- 498 Richardson, William H., Philadelphia, Pa.—Corn-husking machine, machine for cutting standing corn and husking. T 22. 673
- 499 Parvins, R. C., Farmington, Ill.—Steam-motor and plow. L 24. 673
- 500 Durston, Wood, & Co., Syracuse, N. Y.—Grain and seed separator and fanning-mill. T 27. 673
- 501 Albion Coffee-Huller Co., New York, N. Y.—Coffee hulling, polishing, and separating machine. O 22. 673
- 502 Brayley, James, Buffalo, N. Y.—Threshing-machine and double pinion horse-power. T 7 and 8. 673
- 503 Shreiner, J. H., Mechanicsburg, Pa. T 26.
a Grain-drill and shovels. 671
b Grain-fan and seed-separator. 673
- 504 Case, J. I., & Co., Racine, Wis.—Threshing-machine. T 9. 673
- 505 Allen, R. H., & Co., New York, N. Y.—Spiral corn-husker. Q 23. 673
- 506 Heebner & Sons, Lansdale, Pa.—Horse-powers, threshers, separators, and cleaners. O 7. 673
- 507 Cartrite, Barnard, Norwalk, Ohio.—Fanning-mill, box of grain and fixtures. T 28. 673
- 508 Kenosha Fanning-Mill Co., Kenosha, Wis.—Fanning-mill. S 28. 673
- 509 Miller, A. S., Republic, Ohio.—Fruit-ladder. T 23. 673
- 510 Fay, C. J., Camden, N. J.—Portable hay and cotton press. R 11. 673
- 511 Spence, L., Martin's Ferry, Ohio.—Thresher and cleaner, double cleaner, horse-power, etc. O 8. 673
- 512 Brown Cotton-Gin Co., New London, Conn.—Cotton-gin with feeder and condenser. P 21. 673
- 513 Nichols, Shepard, & Co., Battle Creek, Mich.—Grain-thresher, separator, and cleaner. R 7 and 8. 673
- 514 Kenyon, Silas R., Newark, N. J.—Corn-husking machine. S 26. 673
- 515 Hagerstown Steam Engine and Machine Co., Hagerstown, Md.—Grain threshing, separating, cleaning, and bagging machine. R 26. 673
- 516 Harder, Minard, Cobleskill, N. Y.—Horse-railway power, thresher and cleaner, model of railway horse-power. M and N 7. 673
- 517 Ertel, George, Quincy, Ill.—Portable hay and cotton press. Q 10. 673
- 518 Read, Calvin D., & Ellis D., Ayer, Mass.—Corn-sheller. N 22. 673
- 519 Sheeler, Buckwalter, & Co., Rogers' Ford, Pa.—Horse-power and threshing-machine. T 13. 673
- 520 Kahnweiler, David, New York, N. Y.—Cotton-seed huller. S 11. 673
- 521 Judkins, Mark D., Osakio, Minn.—Self-sacking grain-separator. T 8. 673
- 522 Shields & Bro., Philadelphia, Pa.—Corn-huskers. B 24. 673
- 523 Westinghouse, G., & Co., Schenectady, N. Y.—Grain-threshing machine. T 25. 673
- 524 Pumphrey, W. F., Fairfield, Iowa.—Seed-mill and grain-separator. S 7. 673
- 525 Wood, O. K., & Co., West Chazy, N. Y.—Grain and seed separator. T 28, wall. 673
- 526 Silver & Denning Manufacturing Co., Salem, Ohio. Q 23.
a Endless chain, two horse-power, for general purposes. 673
b Drag sawing-machine, feed-cutters, etc. 674
- 527 Gaar, Scott, & Co., Richmond, Ind. O 9.
a Grain thresher, separator, and cleaner. 673
b Portable farm-engine. 674
- 528 Manley, Almond D., Washington, Mich. R and Q 9.
a Mounted railway tread-power and grain-thresher. 673
b Circular wood-saw. 674
- 529 Blymyer Manufacturing Co., Cincinnati, Ohio. M and N 8. 673
a Thresher and cleaner, corn-cob crushers, etc. 673
b Cane-mills, steam-engine, sugar-evaporator, etc. 674
- 530 Evans & Baird, West Chester, Pa. T 7 and 8.
a Horse-railway power and thresher. 673
b Dairy churn and power. 675
- 531 Rankin Manufacturing Co., Allegheny, Pa.—Hand and power meat-choppers, sausage-stuffers, portable engine, etc. P 11 and 12. 674
- 532 Post, C. C., Burlington, Vt.—Implements for making maple sugar. C 24. 674
- 533 Slocum, W. H., & Bro., Philadelphia, Pa.—Apple-parer and corer, meat-cutter, raisin and currant cleaner. T 23. 674
- 534 Boyer, Wm. L., & Bro., Philadelphia, Pa.—Farm grist-mills, railway horse-power, feed-cutter, lawn-mowers, saw-table, broom-winder. R 24. 674
- 535 Nittinger, A., jr., & Son, Philadelphia, Pa.—Butchers' machinery, tools, and supplies. T 24. 674
- 536 J. C. Hoadley Co., Lawrence, Mass.—Portable steam-engines. L 7. 674
- 537 Randall, C. B., New York, N. Y.—Fruit and vegetable parer, slicer, and corer, combination knife, scythe and scissor-sharpener, can-opener, and cork-screw. N 22. 674
- 538 Ross, John, Williamsburg, N. Y.—Grain-mills, paint and drug mills, etc. R 23. 674
- 539 Hotsenpiller & Co., Springfield, Ohio.—Hominy-mill. M 21. 674

Machines, Implements, and Processes of Manufacture.

- 540 Douglas, W., & B., Middletown, Conn.—Garden engines. C 18. 674
- 541 Hirzel, John G., Wilmington, Del.—Meat-choppers. S 23. 674
- 542 Dederick, P. K., & Co., Albany, N. Y.—Hay and cotton presses, bale-tie machines, coal-tubs, dumping-car, brick and tile machine, etc. Q 10. 674
- 543 Bush & Smith, West New Brighton, N. Y.—Apple parer, corer, and quarterer. N 22. 674
- 544 Furst and Bradley Manufacturing Co., Chicago, Ill.—Plows, harrows, hay-rakes, etc. O 25. 674
- 545 Garst, David W., Washington, D. C.—Dried beef-chopper. S 23. 674
- 546 Munson Brothers, Utica, N. Y.—Wheat-flouring and corn-grinding portable mill, millstone eye, spindles, and oil-tight bush. R 24. 674
- 547 Conrad, E. C., Philadelphia, Pa.—Coffee-machine. M 26. 674
- 548 Sandusky Machine and Agricultural Works, Sandusky, Ohio.—Cylinder corn-sheller. M 16. 674
- 549 Lombard, Daniel, Boston, Mass.—Rice and coffee cleaning mortars, coffee-shelling machine. P 23. 674
- 550 Dickey, A. P., Racine, Wis.—Fanning-mills. T 27. 674
- 551 Swan, C. S., Tamaroa, Ill.—Cotton, hay, hemp, and straw press. R 10. 674
- 552 Mansfield Machine Works, Mansfield, Ohio.—Mounted portable steam-engine. P 8. 674
- 553 Mitchell, J. E., Philadelphia, Pa.—Farmers' grindstones, mounted, mower, knife-grinders, scythe and whetstones. Grindstone of 1776. N 20. 674
- 554 Hazard, Thomas, Wilmington, Ohio.—Straw-cutters. O 22. 674
- 555 Sedgebee & Miller, Painesville, Ohio.—Farmers' feed and corn mill. R 24. 674
- 556 Bruner, M., jr., Fremont, Ohio.—Hay-press. R 11 and 12. 674
- 557 Bailey Wringing-Machine Co., New York, N. Y.—Meat and vegetable choppers, fruit and meat-presses. S 24. 674
- 558 Bushfield, W. H., Jersey City, N. J.—Dried-beef cutter. S 23. 674
- 559 Whitmore, D. H., Worcester, Mass.—Apple parer and slicer, meat-cutter, etc. N 22. 674
- 560 Foster, Calvin A., Fitchburg, Mass.—Meat-chopper and apple-parer. S 23. 674
- 561 Pierpont, C., & Co., New Haven, Conn.—Fodder-cutter. P 22. 674
- 562 Fitzhugh, J. R., Philadelphia, Pa.—Hay-elevator. T 28. 674
- 563 Hall, S. Z., New London, Conn.—Self-feeding cotton-gin. P 21. 674
- 564 Bates, Hyde, & Co., Bridgewater, Mass.—Power and hand cotton-gins. R 10. 674
- 565 Peekskill Manufacturing Co., New York, N. Y.—Mills for grinding sugarcane. T 11. 674
- 566 Bradford, W. A., & Co., Chicago, Ill.—Cider-mill. F 13, A 13. 674
- 567 Dernell, H. F., & Co., Athens, N. Y.—Tools for cutting and storing ice. N 24. 674
- 568 Chesley, Plumer, Chelsea, Mass.—Meat-chopper. R 24. 674
- 569 Hanck, S., & Bro., Lebanon, Pa.—Vegetable-cutters. M 22. 674
- 570 Longaker, Thomas F., Philadelphia, Pa.—Stable-hook. C 20. 674
- 571 Schenck, Marcus P., Fulton, N. Y.—Fruit-press, apple and horseradish grater. F 12. 674
- 572 Peabody, George H., Brooklyn, N. Y.—Rice huller and polisher. L 16. 674
- 573 Boomer & Boschert Press Co., Syracuse, N. Y. S and T 12.
a Wine and cider press, lard, tallow, pork-packers', and herb presses. 673
b Apple-grater. 674
- 574 Ross, E. W., & Co., Fulton, N. Y. P 22.
a Feed-cutter, straw-cutter for paper-mills. 674
b Crank paddle-churn. 673
- 575 Treat, J. A., Cleveland, Ohio.—L 12.
a Washing boiler, and automatic blind governor. 674
b Factory churn. 675
- 576 Speakman, Miles, & Co., West Chester, Pa. M 13.
a Corn-sheller, insect-destroyer, pruning-shears, etc. 674
b Butter-worker and butter-printing table. 675
- 577 Pilling, Geo. P., Philadelphia, Pa.—Milking-tubes. M 12. 675
- 578 Packer, Charles W., Philadelphia, Pa.—Ice-cream freezers. O 12. 675
- 579 Koehler, J. G., Philadelphia, Pa.—Cedar-ware, churns, measures, etc. M 10. 675
- 580 Clement & Dunbar, Philadelphia, Pa.—Cedar-ware, churns, and ice-cream freezers. O 11. 675
- 581 Blatchley, C. G., Philadelphia, Pa.—Horizontal ice-cream freezer, cucumber-wood pumps. O 10. 675
- 582 Carter, Henry C., New York, N. Y.—Butter-pail. M 10. 675
- 583 Markham, H. C., & D. C., Lyons Falls, N. Y.—Curd-sink. M 12. 675
- 584 Clough, De Witt C., Auburn, N. Y.—Dash-churn, journal-box. M 10. 675
- 585 Moos, Joseph, Philadelphia, Pa.—Ice-cream refrigerator and ice-cream shipping-apparatus. O 12. 675
- 586 Chick, W. H., & Co., St. Louis, Mo.—Churns, egg-beater, and ice-cream freezers. M 11. 675
- 587 Keen & Hagerty, Baltimore, Md.—Ice-cream freezers, cake-mixer, and egg-beater. O 10. 675
- 588 Emmert, William P., Freeport, Ill.—Butter-churns, tread-power, etc. M 12. 675
- 589 Elliget, James, Cleveland, Ohio.—Bottles, kegs, mugs, and pitchers. M 10. 675
- 590 Reid, A. H., Philadelphia, Pa.—Butter-worker. L 11. 675
- 591 Rogers, Francis P., Philadelphia, Pa.—Milk-cans, pans, buckets, strainers, butter-kettles, etc. L 11. 675

HEALTH! BEAUTY!!

Strong, Pure, and Rich Blood, Increase of Flesh and Weight, Clear Skin, and Beautiful Complexion secured to all through

DR. RADWAY'S SARSAPARILLIAN RESOLVENT

Every drop of the Sarsaparillian Resolvent communicates through the Blood, Sweat, Urine, and other fluids and juices of the system the vigor of life, for it repairs the wastes of the body with new and sound material. Scrofula, Consumption, Glandular Disease, Ulcers in the Throat, Mouth, Tumors, Nodes in the Glands and other parts of the system, Sore Eyes, Strumous Discharges from the Ears, and the worst forms of Skin Diseases, Eruptions, Fever Sores, Scald Head, Ring Worm, Salt Rheum, Erysipelas, Acne, Black Spots, Worms in the Flesh, Tumors, and all Weakening and Painful Discharges and Night Sweats are within the curative range of this wonder of Modern Chemistry, and a few days' use will prove to any person using it for either of these forms of disease, its potent power to cure them. If the patient, daily becoming reduced by the wastes and decomposition that are continually progressing, succeeds in arresting these wastes, and repairs the same with new material, made from healthy blood, and this the Sarsaparillian will and does secure, a cure is certain; for, when once this remedy commences its work of purification and succeeds in diminishing the loss of wastes, its repairs will be rapid, and every day the patient will feel himself growing better and stronger, the food digesting better, appetite improving, and flesh and weight increasing. Not only does the SARSAPARILLIAN RESOLVENT excel all known remedial agents in the cure of Chronic, Scrofulous, Constitutional, and Skin Diseases, but it is the only positive cure for Kidney, Bladder, and Urinary Diseases, Gravel, Diabetes, Dropsy, Stoppage of Water, Incontinence of Urine, Bright's Disease, Albuminuria, and in all cases where there are brickdust deposits, or the water is thick, cloudy, mixed with substance like the white of an egg, or threads like white silk, or there is a morbid, dark, bilious appearance, and white bonedust deposits, and when there is a pricking, burning sensation when passing water, and pain in the Small of the Back along the Loins.

Tumor of 12 years' growth cured by Radway's Resolvent.

BEVERLY, MASS., July 18th, 1869.

DR. RADWAY: I have had Ovarian Tumor in the ovaries and bowels. All the doctors said "*there was no help for it.*" I tried everything that was recommended, but nothing helped me. I saw your Resolvent, and thought I would try it, but *had no faith* in it, because I had suffered for TWELVE YEARS. I took *six bottles of the Resolvent*, one box of Radway's Pills, and used two bottles of your READY RELIEF, and there is not a sign of a tumor to be *seen or felt*, and I feel BETTER, SMARTER, and happier than I have for twelve years. The worst tumor was in the left side of the bowels, over the groin. I write this to you for the benefit of others. You can publish if you choose. * * * *

HANNAH P. KNAPP.

R. R. R.

RADWAY'S READY RELIEF

Cures the worst pains in from one to twenty minutes. Not one hour after reading this advertisement need any one suffer with pain. Radway's Ready Relief is a cure for every pain. It was the first and is *THE ONLY PAIN REMEDY* that instantly stops the most excruciating pains, allays Inflammations, and cures Congestions, whether of the Lungs, Stomach, Bowels, or other glands or organs, by one application, *in from one to twenty minutes*. No matter how violent or excruciating the pain the Rheumatic, Bedridden, Infirm, Crippled, Nervous, Neuralgic, or prostrated with disease may suffer,

RADWAY'S READY RELIEF

Will afford instant ease. Inflammation of the Kidneys, Inflammation of the Bladder, Inflammation of the Bowels, Congestion of the Lungs, Sore Throat, Difficult Breathing, Palpitation of the Heart, Hysterics, Croup, Diphtheria, Catarrh, Influenza, Headache, Toothache, Neuralgia, Rheumatism, Cold Chills, Ague Chills. The application of the READY RELIEF to the part or parts where the pain or difficulty exists will afford ease and comfort. Twenty drops in a half tumbler of water will, in a few moments, cure Cramps, Spasms, Sour Stomach, Heartburn, Sick Headache, Diarrhoea, Dysentery, Colic, Wind in the Bowels, and all Internal Pains. Travelers should always carry a bottle of RADWAY'S RELIEF with them. A few drops in water will prevent sickness or pains from change of water. It is better than French Brandy or Bitters as a stimulant.

FEVER AND AGUE.

FEVER AND AGUE cured for FIFTY CENTS. There is not a remedial agent in this world that will cure Fever and Ague and all other Malarious, Bilious, Scarlet, Typhoid, Yellow, and other Fevers (aided by RADWAY'S PILLS) as quick as RADWAY'S READY RELIEF. Fifty cents per bottle.

DR. RADWAY'S PILLS,

Perfectly tasteless, elegantly coated, for the cure of all Disorders of the Stomach, Liver, Bowels, Kidneys, Bladder, Nervous Diseases, Headache, Constipation, Costiveness, Indigestion, Dyspepsia, Biliousness, Bilious Fever, Inflammation of the Bowels, Piles, and all Derangements of the Internal Viscera. Warranted to effect a Positive Cure. RADWAY'S PILLS will free the system from all the above-named disorders. Price, 25 cents per box.

Read FALSE AND TRUE. Send one letter stamp to RADWAY & Co., No. 32 Warren Street, New York. Information worth thousands will be sent you.

Nature's Great Remedy



FOR

Coughs, Colds, Sore Throat, Consumption,
Asthma, Bronchitis, and all Diseases of
the Pulmonary Organs. A positive
Cure for Dyspepsia, Liver Com-
plaint, Diseases of the Kid-
neys, Nervous Debility,
Scrofula, and all Complaints arising from
Impurities of the Blood. An
Excellent Tonic.

SOLD BY

DRUGGISTS EVERYWHERE.

Principal Depot

Removed to 916 FILBERT ST.,
PHILADELPHIA, PA.

Agricultural Machines, Engineering, Fertilizers.

- 592 Ellsworth, John T., Barre, Mass.—Oscillating churn. M 11. 675
- 593 Guernsey, Daniel (and George Plumb, Bangor, N. Y.), Watertown, N. Y. Gilt-edge milk-pans and cooler. L 10. 675
- 594 Shaw, Philander, Scituate, Mass.—Butter-working machine, butter-mould, and stamp. L 7. 675
- 595 Cornish & Curtis, Fort Atkinson, Wis.—Rectangular churn. M 11. 675
- 596 Murdork, Albert L., Boston, Mass.—Dairies of the different breeds of cattle. H 17. 675
- 597 Justice, L. B., Philadelphia, Pa.—Machine for making ice cream, water ices, frozen fruits, etc. O 10. 675
- 598 Porter Blanchard's Sons, Concord, N. H.—Churns. N 12. 675
- 599 Thompson, S. W., jr., Detroit, Mich.—Barrel-shooks. C 20. 675
- 600 Hardin, L. S., Louisville, Ky.—New method of setting milk for making butter. M 12. 675
- 601 Bartleson, John W., Churchville, Pa.—Churn, butter-worker, and cream-regulator. M 11. 675
- 602 Oppenheimer, Solomon, Newark, N. J.—Safety milking-pail. L 12. 675
- Agricultural, Engineering, and Administration.**
- 603 Ashley, H. A., Springfield, Ohio.—Ditching-machine. D 19. 680
- 604 Huber Manufacturing Co., Marion, Ohio.—Revolving road-scraper. L 16. 680
- 605 Murdock, John, & Son, Poseyville, Ind.—Straw-stacking machine. M 15. 680
- 606 Bowen, C. M., Maine Avenue, N. J.—Stump, grub, and rock extractor. D 17. 680
- 607 Randolph, Theodore F., Morristown, N. J.—Ditcher and excavator. C 18. 680
- 608 Fay, C. J., Camden, N. J.—Stump and rock lifter. R 11. 680
- 609 Hall, S. W., Elmira, N. Y.—Fencing-machine, machine-made worm-fence, bracket, and wire fences. O 23. 680
- 610 Patterson, William, Salem, N. J.—Wrought-iron road-scraper. D 18. 680
- 611 Cotton, A. C., Vineland, N. J.—Stone and stump extractor. D 17. 680
- 612 Drake & Parmley, Painesville, Ohio.—Fence-post base. D 18. 680
- 613 Rhodes & Waters, Elyria, Ohio.—Post-hole digger. C 19. 680
- 614 Starbuck, Nathan, Wilmington, Ohio.—Mounted ditcher. C 17. 680
- 615 Thompson, Woodard, Gardiner, Me.—Self-loading and unloading hod-road scraper, model of scraper, and model of railway joint. C 19. 680
- 616 Leatherbarrows, John, Philadelphia, Pa.—Wrought-iron and wire fences. D 17. 680
- 617 Pioneer Iron Works, Brooklyn, N. Y.—Portable iron railroad and steam road-roller. D 22. 680
- 618 Chicago Scraper and Ditcher Co., Chicago, Ill.—Scraper and ditcher for roadmaking, repairing, and excavating. C 20. 680
- 619 Potts, William W., Swedeland, Pa.—Iron-post portable fence. D 23. 680
- 620 Rumford Chemical Works, Providence, R. I.—Fertilizers, bone charcoal, etc. K 21. 681
- 621 Josiah J. Allen's Sons, Philadelphia, Pa.—Guano, bone, and other fertilizers. D 28. 681
- 622 Matfield Fertilizer Co., Boston, Mass.—Chemical fertilizers. D 26. 681
- 623 Ward's Fertilizer Co., Boston, Mass.—Odorless fertilizers. D 28. 681
- 624 United States Fertilizing and Chemical Co., Philadelphia, Pa.—Phosphatic salts, soluble bone, and fertilizers. C 28. 681
- 625 Baugh & Sons, Philadelphia, Pa.—Raw bone superphosphate, ground raw bones; nitrogen. D 28. 681
- 626 Matheys, Charles F., Philadelphia, Pa.—Nitro-phosphate and ground bone. D 28. 681
- 627 Ames, Manning, & Ames, Hagerstown, Md.—Buffalo-bone meal for agricultural purposes. C 26. 681
- 628 Crocker, L. L., Buffalo, N. Y.—Fertilizers for grain, tobacco, cotton, etc., plant-food for plants and flowers. C 26. 681
- 629 Peck Brothers, Northfield, Conn.—Bone-dust. D 28. 681
- 630 Franklin Glue Works, Pittsburg, Pa.—Bone-dust, etc. K 20. 681
- 631 White, George E., New York, N. Y.—Superphosphates, acid bone-black, raw materials for fertilizers, and agricultural chemicals. D 28. 681
- 632 Upton, George, Boston, Mass.—Superphosphates. K 20. 681
- 633 Central Oil Mills, Selma, Ala.—Cotton-seed meal and fertilizers. C 25. 681
- 634 Lister Brothers, Newark, N. J.—Superphosphate of lime, guano, ground bone, bone charcoal, sulphate of ammonia, agricultural salts, and other fertilizers. C 25. 681
- 635 Tygert, J. E., & Co., Philadelphia, Pa.—Bone phosphate and ground bone. C 25. 681
- 636 Atkinson, Empson, Woodstown, N. J.—Machine for cutting and setting up corn, road-scraper. S 28. 681
- 637 Harrisburg Fertilizer Co., Harrisburg, Pa.—Flour of bone, ground bone, superphosphate, animal compost, and lubricators. B 25. 681
- 638 Walton, Whann, & Co., Wilmington, Del.—Artificial fertilizers, bone-meal, and ground bone. C 25. 681
- 639 Kyser, James, & Son, Cleveland, Ohio.—Whiffletree, check, and neck-yoke fastenings. M 10. 682
- 640 Remington, E., & Sons, Ilion, N. Y.—Carriage gearing. P 20. 682
- 641 Higganum Manufacturing Co., Higganum, Conn.—Trucks. L 25. 682
- 642 Minniss, Thos. S., Meadville, Pa.—Endless-track locomotive. L 24. 682

Agricultural Engineering, Administration, Management.

- 643 Mount, Joseph K., & Co., Hightstown, N. J.—Model hay-conveyer. C 24. 682
- 644 Beecher, C. T., Waterbury, Conn.—Whiffletree gear. N 22. 682
- 645 Cohu, A. B., New York, N. Y.—Wagon-jack. P 28. 682
- 646 State of Massachusetts, Boston, Mass.—Maps and plans of farm buildings. E and F 23. 683
- 647 Osborne Manufacturing Co., New York, N. Y.—Bird and animal cages. D 25. 683
- 648 Douglas, W., & B., Middletown, Conn.—Agricultural and liquid manure-pumps. C 18. 683
- 649 Gay & Bryant, Dresden, Ohio.—Post-hole digger. C 19. 683
- 650 Shields & Bro., Philadelphia, Pa.—Tanned hog's head, hog-rings and holders. B 24. 683
- 651 Collings, E. Z., Waterford, N. J.—Cranberry-plants growing, representing cranberry-bog. C 20. 683
- 652 G. Boyd & Co., Philadelphia, Pa.—Fruit and grain-dryer. C 22. 683
- 653 Lockwood, James L., & Co., Stamford, Conn.—Portable fruit-drier. C 24. 683
- 654 Leonard, Henry, Basil, Ohio.—Revolving buckeye-ball on pedestal and college building. C 24. 683
- 655 Murphy, R. R., Fulton, Ill.—Honey extractor, for removing honey from the comb. C 24. 683
- 656 Gunther, G., New York, N. Y.—Brass, silver-plated, and japanned bird-cages. C 25. 683
- 657 Murphy & Broom, Philadelphia, Pa.—Bird-cages, wire garden-furniture, rustic work, etc. C 25. 683
- 658 Wimpfheimer, David, Philadelphia, Pa.—Automatic vinegar apparatus. D 23. 683
- 659 Harris, Milo, Jamestown, N. Y.—Domestic fruit-dryer, model of lumber-kiln and of coal-oil still. D 23. 683
- 660 Ryder, B. L., Chambersburg, Pa.—American drier or pneumatic evaporator. D 24. 683
- 661 D'Heureuse, R., New York, N. Y.—Apparatus for air-treatment, fermenting, germinating, preserving, and curing organic substances. D 24. 683
- 662 Lindermann, O., & Co., New York, N. Y.—Bird and animal cages. D 25. 683
- 663 Williams, John, South Haven, Mich.—Model of evaporator. D 24. 683
- 664 Goodrich, C. C., & F. W., Portland, Conn.—Tobacco-hook with wilting-frame and builders' horse. D 25. 683
- 665 Kappe, W. J. H., Quincy, Ill.—Transportation coop for live poultry. D 25. 683
- 666 Hendryx & Bartholomew, Ansonia, Conn.—Bird cages and trimmings. D 25. 683
- 667 Conrad, E. C., Philadelphia, Pa.—Bird cage. D 25. 683
- 668 O'Neill, Wm. C., & Co., Philadelphia, Pa.—Kegs and barrels made with single staves. F 28. 683
- 669 Elphee, Edmund, Montezuma, N. Y.—Grain-seed wreath-picture, representing the harvest of 1875. H 15. 683
- 670 Foot, Scovill D., New York, N. Y.—Portable fruit-preserved. I 23. 683
- 671 Vermont Farm-Machine Co., Bel- lows Falls, Vt.—Sugar-evaporator, and fixtures for making sugar. K 15. 683
- 672 Wood, Robert, & Co., Philadelphia, Pa.—Horse stalls, and fixtures for same. L 10. 683
- 673 Shaw, Philander, Scituate, Mass.—Beehive, with comb and hive of bees. M 12. 683
- 674 Dana, C. H., West Lebanon, N. H.—Automatic label-machine, labels, punches, and registers for marking live-stock. N 12. 683
- 675 Deardorff, Isaac N., Canal Dover, Ohio.—Smoke-house stove. N 21. 683
- 676 Betts, Albert C., Troy, N. Y.—Machine for making wire fencing, with samples. P 23. 683
- 677 U. S. Wind-Engine and Pump Co., Batavia, Ill.—Windmills for pumping water, etc. Q 23. 683
- 678 Michigan State Agricultural College.—Soils. H and I 20 to 21. 690

Tillage and General Management.

- 679 Himer, C. G., Allentown, Pa.—Artificial food for cattle. B 28. 692
- 680 Phillips, J. B., Philadelphia, Pa.—Devices for training and educating horses. B 26. 692
- 681 Miller, Frederick A., Philadelphia, Pa.—Condition powder for live-stock. B 26. 692
- 682 Hoepfner, Martin, Philadelphia, Pa.—Prepared food for cage-birds. B 28. 692
- 683 Greenough, J. J., Syracuse, N. Y.—Machine for cleaning animals. B 22. 692
- 684 Long, J. C., jr., Philadelphia, Pa.—Prepared food for mocking-birds; variety of grains and seeds for feeding birds, pigeons, and poultry; bird invigorator for restoring birds to health and song; stone drinking fountains, etc. B 26. 692
- 685 Kirk, Charles H., & Co., Philadelphia, Pa.—Prepared food for horses and cattle. B 26. 693
- 686 Ausable Horse Nail Co., New York, N. Y.—Horseshoe nails. B 24. 693
- 687 Caryl, A. H., & Son, Forge Village, Mass.—Horseshoe nails. B 24. 693
- 688 Burden, H., & Sons, Troy, N. Y.—Working model of horseshoe machine, samples of horse-shoes, boiler rivets, and merchant iron. B 24. 693
- 689 Tallman, G. W., New York, N. Y.—Elastic hose stocking. B 23. 693
- 690 American Shearer Manufacturing Co., Nashua, N. H.—Shearing and clipping machines. B 22. 693
- 691 Putnam, S. S., & Co., Neponset, Mass.—Horse-shoe nails. B 24. 693
- 692 Empire State Horse Nail Co., Penn Yan, N. Y.—Forged horseshoe nails, plain, polished, and blued. B 24. 693

Veterinary Appliances.

- 693 Smith, Aaron W., Manchester, N. H.—Jointed horseshoes. B 24. 693
- 694 Atkins, J. L., Nashville, Tenn.—Horseshoes and plates. B 24. 693

- 695 Rhode Island Horseshoe Co., Providence, R. I.—Machine-hammered horseshoes. B 23. 693
- 696 Ward, Henry A., Rochester, N. Y.—Stuffed Bactrian camel and Shetland pony. K 26 and 27. 693

GREAT BRITAIN.

Agricultural, Animal, and Vegetable Products.

Agricultural Products.

- 1 Yuille, Andrew, Glasgow,—Essences of coffee and chocolate, vinegar, coffee and milk, condensed milk. 623
- 2 Turner, Reuben, Panther, Peterborough.—Food for infants, cocoas, chocolates, etc. 623

Land Animals.

- 3 Walsingham, Lord, Thetford, Norfolk.—Live-stock, Southdown rams, and ewes. 632

Water Animals, Fish Culture, and Apparatus.

- 4 Hoare, John, London.—Specimens of emasculated salmon. 641

Animal and Vegetable Products.

- 5 Chapman, Edwin, & Co., London.—Koumiss, a beverage prepared from cow's milk, koumiss extract, for converting milk into koumiss. 651
- 6 Evans & Stafford, Leicester.—Stilton cheese. 651
- 7 Hooker, J., London.—A large tin of milk which has been exposed to the air for five years, also desiccated milk, condensed milk, and other preparations made with milk. 651
- 8 Hooper, Cleeve, jr., Bermondsey.—Glue, glue pieces, sheep-pelts, sheep-fleshings, buffalo cuttings, pickers, tanning materials; oak, cork tree, larch, and mimosa bark; hemlock and chestnut extract; divi-divi, sumac, valonia, cutch, gambier, myrabolanes, sod oil, etc. Leather, glue, and tanning materials. 652
- 9 Green, John, London.—Gelatine for cigar-boxes, printers, engravers, and artificial-flower makers. 652
- 10 Bennett, Thomas, & Son, London.—Goldbeaters' skin. 652
- 11 Puckridge, Fred, & Nephew, London.—Goldbeaters' moulds, goldbeaters' skin for medical purposes. 652
- 12 Wilson, Walker, & Co., Sheepscar Works, Leeds.—Colored fancy leather and glue. 652

- 13 Pullman, Robert & John, London.—Manufactured leather, bleaching composition, leather finishing, stoning, and kniving machines. 652
- 14 Lovey, Edward, Ponsnooth, Cornwall.—Beehives, with samples of honey and wax. 654
- 15 Schneider, Edward Albert, London.—Liquid essence of beef. 656
- 16 Nicoll, Donald, London.—Starch and contents, rendering fabrics and timber unflammable; tea and coffee combined with milk and sugar, contained in soluble capsules for distribution in single cups; aerated beverages in vessels to allow rapid distribution in single draughts; carbon combined with caoutchouc, for the preservation of wood and iron; preserved food. 656
- 17 Geyelin & Co., London.—Concentrated animal and vegetable food. 656
- 18 Goodall, Backhouse, & Co., Leeds.—Yorkshire relish sauce and orange quinine wine. 656
- 19 Keen, Robinson, Bellville, & Co., London.—Preparations from mustard, barley, oats, etc. 656
- 20 Pratt, James, London.—Sauce. 656
- 21 Smith, T. & H., & Co., Edinburgh.—Essences of coffee and coffee with chicory; flavoring essences, aerated waters, and chemical products. 656
- 22 Jones, Palmer, & Co., London.—Condiments, sauces; baking, custard, and curry powders. 656
- 23 Menier, Emile, London.—Chocolates and cocoas. 656
- 24 Grant, Thomas, The Distillery, Maidstone.—Cherry brandy. 656
- 25 Horn, Thomas Story, Newcastle-on-Tyne.—Preserved fresh meat; improved blocks for masonry. 656
- 26 Ledger, H., & Co., London.—Pure extract of meat. 656
- 27 Ball, James, London.—Sauce. 656
- 28 Lea & Perrins, Worcester.—Sauce. 656
- 29 Corry, William, & Co., Belfast, Ireland.—Aerated waters from Cromac Springs, Belfast; non-metallic valves, plungers, connections, taps, and cylinder-lining. 656

Animal and Vegetable Products, Tools, Machines.

- 30 Allen, Frederick, & Sons, London.—Confectionery and medicated confectionery. 656
- 31 Inman Brothers, Huddersfield, Yorkshire.—Aërated waters. 656
- 32 Bewley & Draper, Dublin.—Aërated waters. 656
- 33 Pachitt, Edwin Cheshire, Nottingham.—Pickles, sauces; anchovy and bloater paste. 656
- 34 Cantrell & Cochrane, Dublin.—Ginger ale, aërated beverages, etc. 656
- 35 Fry, Joseph Storrs, & Sons, Bristol.—Chocolate and cocoa, and specimens illustrative of the process of manufacture. 656
- 36 Codd, Hiram, London.—Mineral waters. 656
- 37 Crosse & Blackwell, London.—Pickles, sauces, vinegars, jams, jellies, marmalades; potted and preserved meats; preserved fruits, soups, and fish; oils for salads, etc.; preserved provisions, sausages, vegetables, etc. 656
- 38 Powell, Thomas, London.—Self-raising flour; baking-powder. 657
- 39 Hunter, John, & Son, Woodhall Mills, Juniper Green, near Edinburgh.—Oatmeal and pot barley. 657
- 40 Plunkett, John, & Co., Portland Works, Dublin.—Malt for brewing and distilling, and roasted malt for coloring and flavoring porter and ale. 657
- 41 McCann, John, Be a m o n d Mills, Drogheda.—Oatmeal and groats. 657
- 42 Stevens, Thomas, Wrexham, North Wales.—Ornamental confectionery, birthday and christening cake, meringues, medallions, ornamental sugar-stand; rich cake. 657
- 43 Johnston Still Co. (Limited), Leixlip, near Dublin.—Irish and Scotch whiskies, model and drawings of the Johnston still. 660
- 44 Burke, Edward & John, Dublin.—English ales, Dublin stout, Irish and Scotch whiskies. 660
- 45 Wright, Herbert, & Co., Diamond Brewery, Dover.—Pale ale and stout. 660
- 46 Ind, Coope, & Co., Burton-on-Trent, Staffordshire.—Ale. 660
- 47 Bindley & Co., Burton-on-Trent.—Ales. 660
- 48 Mott & Co., Leicester.—Cowslip wine. 660
- 49 Muir, Jas., & Son, Calton Hill Brewery, Edinburgh.—Ales. 660
- 50 Johnson & Co., Canterbury.—Pale ale. 660
- 51 Pendock Brothers, Bristol.—Cider and perry. 660
- 52 Richardson, Earp, & Slater.—Trent and Northgate Brewery, Newark-upon-Trent.—Ale. 660
- 53 Maw, Thomas, Leeds.—Pickles, sauces, lozenges, syrups, vinegars, and baking powder. 660
- 54 Gissing, Anthony S., & Sons, Eye, Suffolk.—Fancy biscuits and baking powder. 661

Textile Substances of Vegetable or Animal Origin.

- 55 Dickson, James Hill, & Nephews, Rhea Fibre Works, Godalming, Surrey.—Rhea in every stage; yarn and woven cloth made from the Indian rhea and other fibres; work on flax and hemp. 665
- 56 The Mill Hill Wool and Rag Extracting Co. (limited), Mill Hill Works, Huddersfield.—Wools made from old rags, etc. 667
- 57 Bowes, John L., & Bro., Liverpool.—Raw materials used in the woollen and worsted trade. 667
- 58 Smith, David, & Co. (limited), Kensington Works, Halifax, Yorkshire.—Cleaned wools and wools extracted from waste products. 667

Machines, Implements, and Processes of Manufacture.

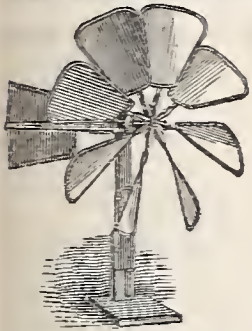
- 59 Aveling & Porter, Rochester, Kent.—Agricultural locomotive engine, locomotive crane engine, steam road roller, wagons for road locomotive engines. 670
- 60 Wills, Arthur Winkler, Park Mills, Birmingham.—Edge tools. 670
- 61 Munroe, William, Inverness.—Models and drawings of farm steadings and cottages, ancient Highland cart, and Shetland plow. 670
- 62 Fison, J. P., Teversham Works, Cambridge.—Agricultural machinery: vertical steam engine and boiler, chaff cutter, centrifugal pump, steam threshing-machine and chain harrow, models of portable steam engine, movable hut, centrifugal pump, and furrow plows. 670
- 63 Fussell, James, Sons, & Co., Mell's Iron Works, near Frome, Somersetshire.—Edge tools used in agriculture. 670
- 64 Wilkinson, William, & Sons, Spring Works, Sheffield.—Sheep and garden shears. 672
- 65 Corcoran, Witt, & Co., London.—Burr and peak stones, millstones, mill bills and handles, woven iron wire sieves, etc.; stones for shelling and whitening rice, and corn-weighing apparatus. 673
- 66 Lloyd, T., & Sons, London.—Flour mills, dressing machines, grinding mill, and coffee mills. 673
- 67 Sainty, John, & Barnard, Alpha Machine Works, Wisbeach, Cambridgeshire.—Apparatus for preventing loss of life by water; self-feeding, sucking, drying, and dressing machine; machine for separating grain from seeds. 673
- Agricultural Engineering and Administration.
- 68 Clark & Dunham, London.—Millstones, chronometers for measuring and weighing grain, and lubricators. 674
- 69 Smith, William, & Sons, Barnard Castle, County Durham.—Street sweeper and road scraper. 682
- 70 Neighbour, G., & Sons, London.—Beehives and bee furniture. 683
- 71 Horn, Thomas Story, Newcastle-on-Tyne.—Improved blocks for masonry. 103
- 72 Ledger, H., & Co., London, Disinfecting fluid. 200
- 73 Goodall, Backhouse, & Co., Leeds.—Baking powder. 200

THE NEW YORK DAILY BULLETIN

IS THE

Leading Commercial Paper of the United States,
Non-Political, and devoted exclusively to
Trade and Finance.

SUBSCRIPTION PRICE, \$11 PER ANNUM.



HARTFORD PUMP CO.

WATER RAISED TO ANY HEIGHT

BY

COMPRESSED AIR.

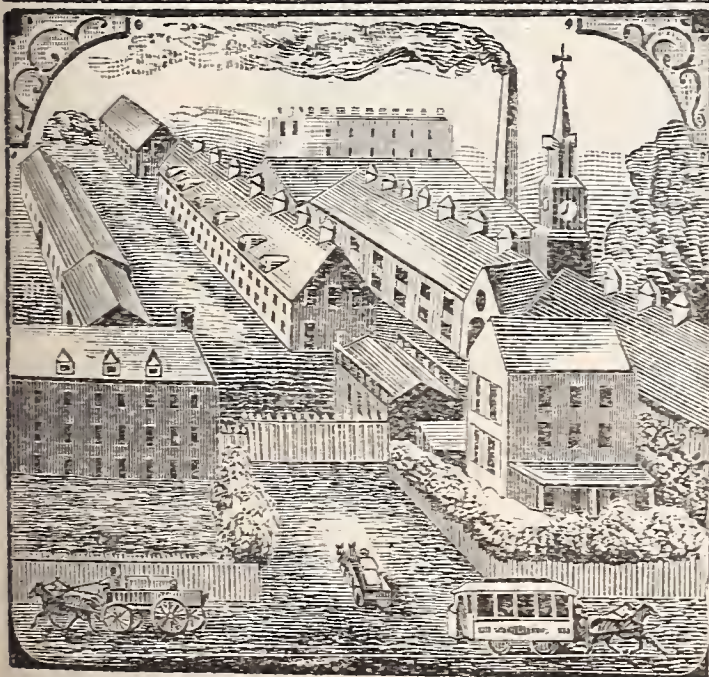
THE PUMP IS ESPECIALLY SUITED TO COUNTRY HOUSES
AND FARMS.

Machines on Exhibition in Machinery Hall

(PUMP ANNEX).

Address,

HARTFORD PUMP CO.,
HARTFORD, CONN.



William Wilkens, H. H. Grane
Louis Wilkens,

WILLIAM WILKENS & CO.

Manufacturers of

Steam Curled Hair

AND

Prepared American Bristles.

Importers of and Dealers in

South American Horse Hair
Drawn Weaving and
Brush Hair.

Bristles, Tampico, and other Brush
Fibres.

SAUSAGE CASINGS, etc.

RAW HOG HAIR FOR EXPORT.

BALTIMORE, NEW YORK,
CHICAGO.

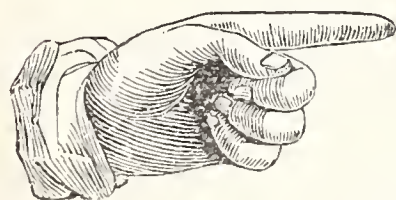
DAVID LANDRETH & SONS'

Agricultural Warehouse,

21 and 23 South Sixth St., Philadelphia.

SEED FARMS:

PENNSYLVANIA, NEW JERSEY, VIRGINIA, WISCONSIN.



"Lowest Priced and BEST."

Do Your Own Printing!

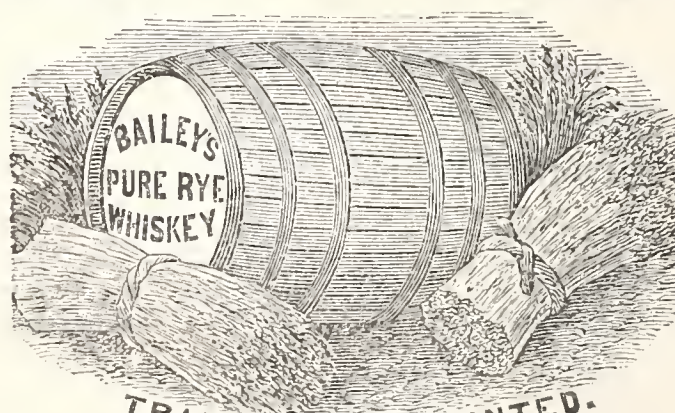
\$3 Press for cards, labels, envelopes, etc.
Larger sizes for larger work.

Business Men do their printing and advertising, save money and increase trade. Pleasure and profit in **Amateur Printing**. The Girls or Boys have great fun and make money fast at printing. Send two stamps for full catalogue of presses, type, etc., to the Manufacturers, **KELSEY & CO., Meriden, Conn.**

BAILEY'S

CELEBRATED

PURE RYE WHISKEY.



TRADE MARK PATENTED.

HUEY & CHRIST,

SOLE PROPRIETORS,

121 North Third St., Philadelphia.

Dealers are cordially invited to call or write for price-list.

CANADA.

Forest and Agricultural Products, Animals.

Arboriculture and Forest Products.

- 1 Cusack, H. P., Newbury, Ont.—Black ash hoops. 600
- 2 Pike & Richardson, Chatham, Ont.—Barrel hoops. 600
- 3 Brennen, M., Hamilton, Ont.—Sash blinds, doors, mouldings. 600
- 4 Allen, D. R., Chatham, Ont.—Specimens of wood. 600
- 5 Coleman & Goninlock, Seaforth, Ont.—Coiled barrel hoops. 600
- 6 Edson, T., Fitch, & Co., New Liverpool, Ont.—Match splints, wood boxes. 600
- 7 St. Martin Bobbin Spool Co., St. John, N. B.—Bobbin spools, turning work. 600
- 8 Clarke, John, St. John, N. B.—Kegs and barrels. 600
- 9 Munroe, D. R., St. John, N. B.—Native woods. 600
- 10 Murphy, T. G., Petitcodiac, N. B.—Native woods, cabinet work. 600
- 11 G. & G., Hampton, N. B.—Turned work, native woods. 600
- 12 Lovejoy, H. L., St. Stephens, N. B.—Samples of fret and jig sawing. 600
- 13 George, Daniel F., Fredericton, N. B.—Shingles and clapboards. 600
- 14 Wells, A. G., & Co., St. John, N. B.—Hacmatack ship knees. 600
- 15 Askew, A., Victoria, Br. Col.—Flag pole. 600
- 16 Campbell & Heatty, Victoria, Br. Col.—Spars. 600
- 17 Moody & Nelson, Victoria, Br. Col.—Collection of native woods. 600
- 18 Morley, Victoria, Br. Col.—Cedar shingles. 600
- 19 Dolby, Victoria, Br. Col.—Tan bark, hazel hoops, and hemlock bark for tanning. 602
- 20 Hayward & Jenkinson, Victoria, Br. Col.—Mouldings in native woods, resin, abies, douglasi, and Canada balsam. 603

Pomology.

- 21 Fisher, W., Victoria, Br. Col.—Cranberries. 610
- 22 Advisory Board, B. C., Victoria, Br. Col.—Models of apples and pears. 610

Agricultural Products.

- 23 Painchaud, C. F., Varennes, Q.—Long marsh grass, paper material. 620
- 24 Tolmie, Dr., Victoria, Br. Col.—Cereals on stalk. 620

- 25 Smith, W., Victoria, Br. Col.—Cereals on stalk. 620
- 26 Carter, T. W., Victoria, Br. Col.—Cereals on stalk. 620
- 27 Brown, R., Victoria, Br. Col.—Cereals. 620
- 28 Reid, William, Victoria, Br. Col.—Cereals. 620
- 29 Kerr, James, J. Kerr's Ranch, Br. Col.—Timothy grass. 620
- 30 Boyd, John, Cold Spring Ranch, Br. Col.—Timothy grass. 620
- 31 Fisher, Victoria, Br. Col.—Wheat, oats, etc. 620
- 32 Robertson, Wm., Quesnelle, Br. Col.—Oats and wheat in straw. 620
- 33 Ricke, L. W., Chilcoter, Br. Col.—Spring wheat. 620
- 34 Bunster, A., Victoria, Br. Col.—Barley from Metchošin. 620
- 35 Girdlestone, G. H., Windsor, Ont.—Tobacco, cigars, etc. 623
- 36 Scalts, Job, Toronto, Ont.—Manufactured tobacco. 623
- 37 Lyman, Clare, & Co., Montreal, Q.—Spices. 623
- 38 Davis, S., & Co., Montreal, Q.—Cigars. 623
- 39 Lordly, Alf., St. John, N. B.—Spices, coffee. 623
- 40 Cloake, J., Victoria, Br. Col.—Hops. 623
- 41 Wain, H., Victoria, Br. Col.—Hops. 623
- 42 Moses, D. T., Victoria, Br. Col.—Hops. 623
- 43 Fuller, L. S., Stratford, Ont.—Linsseed. 624
- 44 Weld, W., London, Ont.—Seeds. 624
- 45 Council of Agriculture, Quebec, Q.—Grains. 624
- 46 Bertrand, A., St. John, Q.—Pressed hay. 624

Land Animals.

- 47 Mummer, S., & Son, London, Ont.
 - a Canadian birds. 635
 - b Wild animals. 637
- 48 Sands, Joseph, Toronto, Ont.—Birds. 635
- 49 Herring, S., Toronto, Ont.—Birds. 635
- 50 Morrell, G. F., Hamilton, Ont.—Stuffed birds. 635
- 51 Egan, T., Halifax, N. S.
 - a Canadian birds. 635
 - b Bear and caribou heads. 637

Animal and Vegetable Products.

- 52 Attwood, Ab., London, Ont.—Honey extractor and beehive. 638
 53 Entomological Society, London, Ont.—Canadian insects. 638

Water Animals, Fish-Culture, and Apparatus.

- 54 Mummer, S., & Son, London, Ont.—Fishes. 641
 55 Hill, P. C., Halifax, N. S.—Fishes. 641
 56 Robitaille, Th., Quebec, Q.
 a Dried cod. 642
 b Cod and cod-liver oil. 646
 57 Bain, J. D., Ristigouche, N. B.
 a Preserved salmon. 642
 b Preserved lobster. 643
 58 O'Leary, Henry, Richibucto, N. B.
 a Spiced salmon. 642
 b Canned lobster. 643
 59 Noble, R. B., Richibucto, N. B.
 a Canned mackerel. 642
 b Canned lobsters. 643
 60 Ewing & Wise, Victoria, Br. Col.
 a Holicans, salmon-trout, canned and salt salmon, isinglass. 642
 b Canned oysters, oyster and clam shells. 643
 61 Fisher, W., Victoria, Br. Col.—Smoked salmon. 642
 62 Holbrook & Cunningham, Victoria, Br. Col.—Canned salmon. 642
 63 Deas, J. S., Victoria, Br. Col.—Canned salmon. 642
 64 Tetu, Dr., Rivière Ouelle, Q.—Delphinoleine. 646
 65 Langley, Victoria, Br. Col.—Dogfish and holican oils. 646
 66 Muir, M., Looke, Br. Col.—Dogfish oil. 646
 67 Skinner, G. M., Gananoque, Ont.—Trolling-spoon bits, poles, holders. 647
 68 Scribner, D., St. John, N. B.—Salmon and trout rods. 647
 69 Baillie, Charles, St. John, N. B.—Salmon and trout rods, flies. 647
 70 Pitts, D. H., Halifax, N. S.—Fishing-reel. 647

Animal and Vegetable Products.

- 71 Rhodes, Col., Quebec, Q.—Butter, cream cheese. 651
 72 Kipp, J., Chillewhack, Br. Col.—Butter. 651
 73 Caswell, E., Ingersol, Ont.—Cheese. 651
 74 Wells, J., & S., Chillewhack, Br. Col.—Cheese. 651
 75 McLeod, R. E., & Co., Sussex, N. B.—Cheeses. 651
 76 Advisory Board, Br. Col., Victoria, Br. Col.—Cheese. 651
 77 Wagner, J., & Co., Galt, Ont.—Sheepskins. 652
 78 Creig, W., & Son, Port Hope, Ont.—Sheepskins. 652
 79 Gunn, A., & Co., Kingston, Ont.—Spanish sole leather. 652
 80 Ford & Sons, Kingston, Ont.—Sole and upper leather. 652

- 81 Hivac, Parsons, & Co., Niagara, Ont.—Oak-tanned belting leather. 652
 82 Hamilton, C., Kingston, Ont.—Spanish sole. 652
 83 Lang, Reinhold, Berlin, Ont.—Calfskins. 652
 84 Kelly, Robert, Toronto, Ont.—Leather. 652
 85 Sischer & Son, Berlin, Ont.—Glue. 652
 86 Warner, Geo. W., Toronto, Ont.—Dyed furs. 652
 87 Wickell, S. R., Brockville, Ont.—Pebbled-grain leather. 652
 88 Mathieu, Léandre, St. Catharines, Ont.—Leathers. 652
 89 McCordick, W. H., St. Catharines, Ont.—Saco leather, cut laces. 652
 90 Moseley & Ricker, Montreal, Q.—Leathers. 652
 91 Laframboise & Wiallard, Montreal, Q.—Glue. 652
 92 Heath & Northey, Montreal, Q.—Sole leather. 652
 93 Galibert, C., & Son, Montreal, Q.—"Wax-calf" leathers. 652
 94 Dominion Leather-Board Company, Chambly, Q.—Leather-board. 652
 95 Rochette, Gaspard, Quebec, Q.—Leathers. 652
 96 Richard & Plamondon, Quebec, Q.—Leathers. 652
 97 Ramsay, A., & Son, Montreal, Q.—Glues. 652
 98 Mooney, J. H., Montreal, Q.—Fancy-colored sheepskins. 652
 99 Roach & Coates, Penobsquis, N. B.—Glue. 652
 100 Summar, S. W., & Co., Fredericton, N. B.—Patent leather. 652
 101 McCausland, Upham, & Co., Fredericton, N. B.—Patent and enameled leather. 652
 102 Travis, J., St. John, N. B.—Sole leather. 652
 103 Belmont Tanning Co., Victoria, Br. Col.—Skins and leathers. 652
 104 Boscovitz, Victoria, Br. Col.—Dressed bear and elk skins, leather. 652
 105 Gray & Co., Toronto, Ont.—Canned fruits, vegetables, fish. 656
 106 Provision Trade of Toronto, Ont.—Canned meats, dried fruits. 656
 107 Canadian Meat Co., Sherbrooke, Q.—Canned meats, jellies, jams, etc. 656
 108 N. A. Packing Co., Montreal, Q.—Canned meats, jellies, jams, etc. 656
 109 Burgess, W., Mimico, Ont.—Horse radish sauce. 656
 110 Casswell, E., Ingersoll, Ont.—Preserved meats. 656
 111 Tache, F., Kamouraska, Q.—Preserved meats. 656
 112 Bain, J. D., Ristigouche, N. B.—Preserved meats. 656
 113 Graham, John, Sussex, N. B.—Cured and spiced bacon. 656
 114 Guthrie & Hevener, St. John, N. B.—Jams, etc. 656

Vegetable Products, Textiles, Implements.

- 115 Belcher, Jas. W., Halifax, N. S.—Preserved fruits in sugar. 656
- 116 McDougall, John, Bowmanville, Ont.—Flour. 657
- 117 McKay, Thos., & Co., Ottawa, Ont.—Oatmeal. 657
- 118 Corn Exchange Association, Toronto, Ont.—Grain, flour, meal. 657
- 119 Wilson, James, Fergus, Ont.—Oatmeal. 657
- 120 Martin & Sons, Mount Forest, Ont.—Oatmeal. 657
- 121 Hogg & Ford, Galt, Ont.—Oatmeal. 657
- 122 Willet, R., & Co., Chambly, Q.—Oatmeal. 657
- 123 Scott & Co., Highgate, Ont.—Oatmeal. 657
- 124 Muirhead & Gray, London, Ont.—Oatmeal, pearl barley, split peas. 657
- 125 Aspden & Pritchard, London, Ont.—Oatmeal, split peas. 657
- 126 Hilliard, William, Goderich, Ont.—White and spring wheat flour. 657
- 127 Charlesworth, M. C., & Son, Edmondville, Ont.—Flour. 657
- 128 Watts, N., & Co., Brantford, Ont.—Flour. 657
- 129 Jolton, J. G., Ganafresed, Ont.—Flour. 657
- 130 Wadsworth, J. P., Meadford, Ont.—Flour. 657
- 131 King, J. G., Porthope, Ont.—Flour. 657
- 132 Hunt, C. B., & Co., London, Ont.—Flour. 657
- 133 Smyth & Smyth, Merritton, Ont.—Flour. 657
- 134 Parkyn, James, Montreal, Q.—Flours. 657
- 135 Brodie & Harvey, Montreal, Q.—Flours. 657
- 136 Millers' Association of Canada, Toronto, Ont.—Flour and meal. 657
- 137 Wheatherstone, W., Toronto, Ont.—Flour and meal. 657
- 138 Howland, W. P., & Son, Toronto, Ont.—Flour and grains. 657
- 139 Ogilvie & Hutchinson, Goderich, Ont.—Spring wheat flour. 657
- 140 McKay, John, Dundas, Ont.—Pot and pearl barley. 657
- 141 Allan, J. U., Picton, Ont.—Garden peas. 657
- 142 Mewhart, Joseph, Montreal, Q.—Self-raising flour. 657
- 143 Olszewski, S., Montreal, Q.—Barley, corn, rice, bean-meal. 657
- 144 Catelli Bros, Montreal, Q.—Potato starch, macaroni, vermicelli, etc. 658
- 145 Spinelli, R., Montreal, Q.—Macaroni, vermicelli, etc. 658
- 146 Poulin, F. R. S., La Patrie, Q.—Potato starch. 658
- 147 Edwardsburg Starch Co., Edwardsburg, Q.—Laundry and corn starch. 658
- 148 Wilson, Charles, Toronto, Ont.—Lemonade, ginger ale, etc. 659
- 149 Christin, J., Montreal, Q.—Cider, syrups, and soda-water. 659
- 150 Winning, Hill, & Ware, Montreal, Q.—Fruit syrups, cordials, etc. 659
- 151 Advisory Board, Quebec, Q.—Maple sugar. 659
- 152 Simard, R., L'Assomption, Q.—Maple sugar. 659
- 153 Fidèle Perrault, F., L'Assomption, Q.—Maple sugar and syrup. 659
- 154 Woodburn, J. R., & Co., St. John, N. B.—Confectionery. 659
- 155 O'Keefe & Co., Toronto, Ont.—Ale. 660
- 156 Carling & Co., London, Ont.—Ale, porter, malt. 660
- 157 Adwell, R., London, Ont.—Ale, porter. 660
- 158 Labatt, John, London, Ont.—Ale, porter. 660
- 159 Osborne, William, Hamilton, Ont.—Malt. 660
- 160 Slater & Scinger, Galt, Ont.—Malt. 660
- 161 Howard & Northwood, Chatham, Ont.—Malt. 660
- 162 Bunster, A., Victoria, Br. Col.—Malt from Metchosin barley. 660
- 163 Smith, R., & Co., Fairfield Plain, Ont.—Native wines. 660
- 164 Davies, Thomas, & Bro., Toronto, Ont.—Ale and porter. 660
- 165 Canada Wine-growers' Association, Toronto, Ont.—Canadian wines. 660
- 166 Beaver, Henry, Hamilton, Ont.—Red and white wines. 660
- 167 Taylor & Bate, St. Catharines, Ont.—Ale, porter, malt. 660
- 168 Waterhouse, Joseph, Chatham, Ont.—Ale, porter. 660
- 169 McLeod, McNaughton, & Co., Montreal, Q.—Ale, porter. 660
- 170 Lefebvre, M., Montreal, Q.—Vinegar. 660
- 171 Simard, R., L'Assomption, Q.—Wine, maple vinegar. 660
- 172 Fidèle Perrault, F., L'Assomption, Q.—Wine, maple vinegar. 660
- 173 Boswell, Joseph, Quebec, Q.—Beer. 660
- 174 Laforce, Quebec, Q.—Bitters. 660
- 175 Troop, O. V., & Co., St. John, N. B.—Vinegar. 660
- 176 McCormick, T., London, Ont.—Confectionery and biscuits. 661
- 177 Christie, Brown, & Co., Toronto, Ont.—Biscuits. 661
- 178 Girwin, James, St. Catharines, Ont.—Biscuits. 661
- 179 Hulman, J. C., & Co., Hamilton, Ont.—Confectionery and biscuits. 661
- 180 Hessin, William, Toronto, Ont.—Confectionery and biscuits. 661
- 181 Alexander & Son, Montreal, Q.—Confectionery. 661
- 182 Hossack, Woods, & Co., Quebec, Q.—Pilot and cabin biscuits. 661
- 183 Viau & Bros., Montreal, Q.—Confectionery and biscuits. 661

Machines and Implements.

184 Rankin, Th., & Sons, St. John, N. B.—Biscuits, crackers, etc. 661

185 Scriver, J. J., Halifax, N. S.—Pilot and navy biscuit. 661

186 Massie & Campbell, Guelph, Ont.—Confectionery and biscuits. 661

187 Turcotte, Quebec, Q.—Linseed oil. 662

Textile Substances of Vegetable or Animal Origin.

188 Nichol, R., & Ruth, Belmont, Ont.—Manufactured Scotch flax. 666

189 Fuller, S. S., Stratford, Ont.—Dressed flax. 666

190 Harrison, D. H., St. Marys, Ont.—Dressed flax. 666

191 Davis, J. H., & Co., Hamilton, Ont.—Samples of Canadian wools. 667

192 Taylor, Th. H., Chatham, Ont.—Fleece of combing-wool. 667

193 Harris, John, & Co., Hamilton, Ont.—Canadian wools. 667

194 Long & Bisby, Hamilton, Ont.—Canadian wools. 667

195 Stahlschmidt, Victoria, Br. Col.—Island and mainland wool. 667

196 Pecover, Joseph, Hamilton, Ont.—Hair, upholstery, etc. 669

Machines, Implements, and Processes of Manufacture.

197 Duperow, Ch., Stratford, Ont.—Harrow. 670

198 Powell, W., Belleville, Ont.—Harrow and cultivator. 670

199 Ross, George, Chatham, Ont.—Plows. 670

200 Spardle, Th., Stratford, Ont.—Plows. 670

201 Oshawa Manufacturing Co., Oshawa, Ont.—Scythes, forks, hoes, rakes, etc. 670

202 Merrill, Abel, Chatham, Ont.—Cultivator or gang-plow. 670

203 Walton, B. W., Fergus Well, Ont.—Gang-plow, double furrow, etc. 670

204 Stratchan, D. K., Goderich, Ont.—Cultivator. 670

205 Stratchan, A. S., Goderich, Ont.—Iron harrows. 670

206 McDonald, A. S., Osgood, Ont.—Cultivator. 670

207 Gillies, George, Gananoque, Ont.—Harrow, cultivator, horse-hoe. 670

208 Munro & Hagens, Seaforth, Ont.—Iron plows. 670

209 Mathieson, S., Tavistock, Ont.—Iron plows. 670

210 Wilson, W., Strathroy, Ont.—Combined harrow and hay-rake. 670

211 Wilkinson, G., Aurora, Ont.—Double furrow, iron, and gang-plow. 670

212 Lowerie, J., Sarnia, Ont.—Plows. 670

213 McGarvin, M., Chatham, Ont.—Rotary harrows. 670

214 Morely, G., Thorould, Ont.—Plows. 670

215 Watson, John, Ayer, Ont.—Gang, swing, and subsoil plows. 670

216 Elliot, John, London, Ont.—Plow. 670

217 Gibbs & Coursolles, Ottawa, Ont.—Revolving drag-harrow. 670

218 Jones, D. F., & Co., Gananoque, Ont.—Shovels, hoes, forks. 670

219 Snyder, E., Acton, Ont.—Single frame iron plow. 670

220 Richardson, Th., Fergus, Ont.—Gang-plow. 670

221 Sparling, W., Parkhill, Ont.—Champion sod-plow. 670

222 Colton, N. P., Gananoque, Ont.—Iron harrow, cultivators. 670

223 Bell, C. R., Parkhill, Ont.—Steel garden-plow. 670

224 Stephens, P. E., Owen Sound, Ont.—Ditching-spade. 670

225 Carrier, L'Ainé, & Co., Quebec, Q.—Agricultural implements. 670

226 Baillargeon, E., New Liverpool, Q.—Spades and shovels. 670

227 Jeffrey, James, Montreal, Q.—Plow, double mould-board, cultivator, etc. 670

228 Smith, Th., Aylmer, Q.—Cultivator. 670

229 Gibbs & Coursolle, Ottawa, Ont.—Snow-plow. 670

230 Sands, Joseph, Forest, Ont.—Bag-filling machine. 670

231 Harris, J., & Co., St. John, N. B.

a Plow. 670

b Mower, horse-rake, potato-digger. 672

c Thrasher and horse-power. 673

d Hay-cutter. 674

232 Willet, D., St. John, N. B.—Cultivator, seed harrow. 670

233 Rumnel, C. B., Moncton, N. B.—Plows. 670

234 Holland, J., Belleville, Ont.—Land roller and sower combined. 671

235 Ayr, John Watson, Ayr, Ont.—Grain-drill, seed-sower. 671

236 Vessot, J. & S., Joliette, Q.—Sower, harrow, and roller combined. 671

237 Cameron, A., Colborne, Ont.—Horse-rake. 672

238 McCallum, J. Kars, Ont.—Potato-digger. 672

239 Sawyer, L. D., & Co., Hamilton, Ont.—Iron-clad mower. 672

240 Johnston, Leslie, London, Ont.—Pea-harvester attachment. 672

241 Crawford & Co., London, Ont.—Combined reaper and mower. 672

242 Bawtinheimer, P. M., Clifton, Ont.—Potato-digger. 672

243 Martin, Stephen, Kars, Ont.—Potato-digger. 672

244 Eliot, Th., Peterboro, Ont.—Combined hay-rake and loader. 672

245 Bartlet, Ed., Renfrew, Ont.—Potato-digger. 672

246 Harris, A., Son, & Co., Brantford, Ont.—Combined mower and reaper, mower. 672

247 Green Bros. & Co., Waterford, Ont.—Reaper. 672

JONAS BROOK & BROTHERS,

Meltham Mills, near Huddersfield,

MANUFACTURERS OF

SEWING, CROCHET,

AND

EMBROIDERING COTTON.

DEPOTS:

49 Cannon Street, London, E. C.

10 Garthland Street, Glasgow.

36 Fountain Street, Manchester.

93 Boulevard de Sebastopol, Paris.

**WM. H. SMITH & CO., 32 Greene Street, New York, Sole Agents
for the United States.**

BROOK'S PATENT GLACE SPOOL COTTON,

LENGTHS WARRANTED,

FOR HAND AND MACHINE USE.

Brook's Six Cord Soft Finish Spool Cotton,

LENGTHS WARRANTED,

FOR HAND AND MACHINE USE.

BROOK'S PATENT GLACE THREAD. IN WHITE, BLACK, AND COLORS.

The extraordinary strength, smoothness, and durability obtained by this invention have secured for it great popularity, and it is consequently much imitated in inferior qualities. This Cotton is always labeled BROOK'S PATENT GLACE THREAD, and without their name and crest (a GOAT'S HEAD), the words "Glance," or "Patent Glance," do not denote that it is of their manufacture.

BROOK'S PATENT NINE AND SIX CORDS

Will be found of very superior quality, and strongly recommended wherever a SOFT COTTON is preferred.

EXHIBITION PRIZES.

Only Medal, London, 1851.

Only First Class Medal, Paris, 1855.

Prize Medal, London, 1862.

Gold Medal, Paris, 1867.

Only Diploma of Honor, Vienna, 1873.

HUMPHREYS' Homeopathic Medicine Co.,

Humphreys' Homeopathic Specifics, Humphreys' Veterinary Specifics, Humphreys' Witch Hazel Oil and Marvel of Healing.

Dealers in Homeopathic Books and Medicines, Tinctures, Triturations, Sugar of Milk, Pellets, Labels, Bell's Homeopathic Cocoa, etc.

No. 562 BROADWAY, NEW YORK.

HUMPHREYS' HOMEOPATHIC SPECIFICS.

Prices of Single Vials and Cases.

HUMPHREYS' HOMEOPATHIC SPECIFICS.

HUMPHREYS' HOMEOPATHIC SPECIFICS.

No.	CURES	CENTS.
1.	Fever, Congestion, Inflammations	25 or 50
2.	Worm Fever, Worm Colic, or Disease	25 " 50
3.	Colic, Crying and Wakefulness of Infants	25 " 50
4.	Diarrhœa of Children and Adults	25 " 50
5.	Dysentery, Gripings, Bilious Colic	25 " 50
6.	Cholera, Cholera Morbus, Nausea, Vomiting	25 " 50
7.	Coughs, Colds, Hoarseness, Bronchitis	25 " 50
8.	Toothache, Faceache, Neuralgia	25 " 50
9.	Headache, Sick Headache, Vertigo	25 " 50
10.	Dyspepsia, Deranged Stomach, Costiveness	25 " 50
11.	Suppressed Menses, Scanty, or Delaying	25 " 50
12.	Leucorrhœa, Bearing Down, Profuse Menses	25 " 50
13.	Croup, Hoarse Cough, Difficult Breathing	25 " 50
14.	Salt Rheum, Eruptions, Erysipelas	25 " 50
15.	Rheumatism, Pain in Back, Side, or Limbs	25 " 50
16.	Fever and Ague, Intermittent Fever	50
17.	Piles, Internal or External, Blind or Bleeding	50
18.	Ophthalmia, Weak or Inflamed Eyes	50
19.	Catarrh, Acute or Chronic, Dry or Flowing	50
20.	Whooping-Cough, Spasmodic Cough	50
21.	Asthma, Oppressed, Difficult Breathing	50
22.	Ear Discharges, Hardness of Hearing	50
23.	Scrofula, Swellings and Ulcers	50
24.	General Debility, or Physical Weakness	50
25.	Dropsy, Fluid Accumulations	50
26.	Sea-Sickness, Nausea, Vomiting	50
27.	Urinary Diseases, Gravel, Renal Calculi	50
28.	Nervous Debility, Seminal Weakness	\$1 00
29.	Sore Mouth, or Canker	50
30.	Urinary Incontinence, Wetting the Bed	50
31.	Painful Menses, Pruritus	50
32.	Diseases of the Heart, Palpitations, etc.	1 00
33.	Epilepsy and Spasms, St. Vitus' Dance	1 00
34.	Diphtheria, or Ulcerated Sore Throat	50
35.	Chronic Congestions, Headaches	50

FAMILY CASES.

No.		PRICE.
1.	With 35 Large Three-drachm Vials, ROSEWOOD CASE, and Humphreys' Homeopathic Mentor (New Book)	\$12 00
2.	With 35 Large Three-drachm Vials, MOROCCO CASE, and Specific Homeopathic Manual (Small Book)	10 00
4.	With 20 Large Three-drachm Vials, MOROCCO CASE, and Specific Homeopathic Manual	6 00
5.	With 20 Large Three-drachm Vials, PAPER CASE, and Specific Homeopathic Manual	5 00
15.	With 8 Two-drachm Vials, SINGLE-FLAT (pocket), and Manual	1 75

☞ These Cases and Medicines are sent by express or mail, free on receipt of the price.

Machines, Implements, Engineering.

- 248 Patten Manufacturing Co., Whitby, Ont.—Reapers. 672
- 249 Elliot, John, London, Ont.—Reaper and mower. 672
- 250 Massey Manufacturing Co., Newcastle, Ont.
a Mowers, reaper, self-raker, horse-rake. 672
b Straw-cutter, grain-crusher. 674
- 251 Dennis, Rowland, London, Ont.—Potato-digger and mould-boards. 672
- 252 Brown, G., & J., Belleville, Ont.—Mower. 672
- 253 Grant, Peter, Clinton, Ont.—Hayfork and tackle. 672
- 254 Head, Thomas, Capetown, Ont.—Potato-digger. 672
- 255 Wilson & Piper, Strathroy, Ont.—Sulky arrow and hay-rake. 672
- 256 Sherman & Foster, Strathford, Ont.—Combined mower and reaper. 672
- 257 Forsyth & Co., Dundas, Ont.—Combined reaper and mower. 672
- 258 Gray, A. G., St. John, N. B.—Mowing-machine. 672
- 259 Dutcher, C. W., Sussex, N. B.—Model of potato-digger. 672
- 260 McFarlane, P., & Sons, Douglas, N. B.—Horse hay-rake. 672
- 261 McFarlane, Thom, & Ander, Fredericton, N. B.—Mowers. 672
- 262 Bennett, James, St. John, N. B.—Model of potato-digger. 672
- 263 Gibbs & Coursolle, Ottawa, Ont.—Mechanical sheep-shearer. 673
- 264 Luke & Jolton Bros., Guelph, Ont.
a Pea-thrasher. 673
b Steam-cutter and chaff-carrier. 674
- 265 Watson, John, Ayer, Ont.
a Horse-rake. 673
b Straw and root cutters, grain-choppers, corn-shellors. 674
- 266 Barthell, L., & Co., Stratford, Ont.—Farming-mill. 673
- 267 Armstrong, G. F., & Bros., Goderich, Ont.—Farming-mill. 673
- 268 Bennet, John, Belleville, Ont.—Farming-mill, separator grader. 673
- 269 Bricker, J. G., Waterloo, Ont.—Thrashers and separators. 673
- 270 Champion, A., Aurora, Ont.—Steam thrasher and boiler. 673
- 271 Sherman & Foster, Stratford, Ont.—Thrasher, horse-plow. 673
- 272 Wilson, Thomas, Richmond Hill, Ont.—Fanning-mill and separator. 673
- 273 Eastwood & Co., Ingersoll, Ont.
a Thrasher and separator. 673
b Portable boiler and engine. 674
- 274 Woodbridge Agricultural Works, Woodbridge, Ont.
a Thrasher and separator. 673
b Portable steam-engine. 674
- 275 Haggart & Bros., Brampton, Ont.
a Horse-power thrasher, truck, duster, separator, etc. 673
b Chaff-cutter with carrier. 674
- 276 Armstrong, Ed., Portland, N. B.—Fanning-mill. 673
- 277 Maxwell, David, Paris, Ont.—Straw and root cutters. 674
- 278 Elliot, John, London, Ont.—Straw-cutter. 674
- 279 Pratt, Charles, London, Ont.—Milk-pan. 673
- 280 Tomlinson, J., Goderich, Ont.—Cheese-box. 673
- 281 Clarke, B. W., Downsview, Ont.—Cheese-press, cider, and shingles. 673
- 282 McKelvey, James, St. Catharines, Ont.—Cream-gatherers; refrigerator. 673
- 283 Ashley & Hazard, Belleville, Ont.—Gang cheese-press. 673
- 284 Cable, Bayard, & Co., Montreal, Q.—Churn. 673
- 285 Pitts, D. H., Halifax, N. S.—Cheese hoops, churn. 673
- 286 Advisory Board, British Columbia, Victoria, Br. Col.—Butter. 673
- Agricultural Engineering and Administration.**
- 287 Strong, J. E., Newton Brook, Ont.—Entrance-gate and models. 680
- 288 Stevens, R. E., Owen Sound, Ont.—Combination gate and models. 680
- 289 Gruming, B., & Co., Hamilton, Ont.
a Wire fencing. 680
b Heavy team harness. 682
- 290 Stephens, R. E., Owen Sound, Ont.—Farm-post with section of fence. 680
- 291 Cowan, Alex., Brockville, Ont.—Superphosphate materials. 681
- 292 Marcou, W. H., Guelph, Ont.—Superphosphate, bone-dust, etc. 681
- 293 Povat, John Sumpter, Markham Village, Ont.—Artificial manure. 681
- 294 Robitaille, Théodore, Quebec, Q.—Fish and sea-weed manure. 681
- 295 Digby, George, Markham, Ont.—Heavy team harness. 682
- 296 Dod, W. H., Doncaster, Ont.—Improved hen's-nest. 683
- 297 Cornell, S., Widden Station, Ont.—Model of beehive. 683

FRANCE.

(West of Nave, Columns 3 to 7.)

Metallurgy, Mining Engineering, Agricultural Products.

Minerals, Ores, Stone, Mining Products.

- 1 Laroche, A., Saulxures, Vosges.—Coal. 101
- 2 Asphalt Mining Co., Pyrimont-Seysel, Ain.—Asphaltum. 101
- 3 Biron & Son, Paris.—Stone staircase and samples of colored Echaillon stone. 102
- 4 Cornu, Eugène, & Co., Paris.—Marble and Algerian onyx. 102
- 5 Marga, Eugene, Paris.—Samples of marble. 102
- 6 Parfonry & Lemaire, Paris.—Marble for furniture. 102
- 7 Pont-Ollion, Nicolet, Grenoble, Isere.—Cements. 103
- 8 Thorrand & Co., Grenoble.—Cement. 103
- 9 Soullier & Brunot, Teil, Ardèche.—Hydraulic lime. 103
- 10 Lime, Cement, and Plaster Manufacturing Co., Paris.—Limes, cements, plasters, and bricks. 103
- 11 Hydraulic Lime Stock Co., Montélimar, Drôme.—Lime, cement, and artificial paving blocks. 103
- 12 Holl, Samuel J., Dieppe, Seine-Inferieure.—Chalk. 103
- 13 Pinson, Paris.—Shell, ivory, mother of pearl, and artificial stone. 103
- 14 Pavin de la Farge, L. & E., Viviers, Ardèche.—Hydraulic lime and Portland cement. 103
- 15 Louquety & Co., Boulogne-sur-Mer.—Cements. 103
- 16 Lauzun & Co., Bourg St. Andeol, Ardèche.—Artificial stone pavement, mosaics, granite, and artificial marble. 103
- 17 Mailfert & Mathelin, Chatillon-sur-Seine, Côte d'Or.—Moulding sand for foundries. 104
- 18 Deplanque, jr., Maisons, Alfort, Seine.—Emery in grains and powder. 106
- 19 Roger, Son, & Co., La Ferté-sous-Jouarre, Seine and Marne.—Millstones. 106
- 20 Flauqueux, A., La Ferté-sous-Jouarre, Seine and Marne.—Millstones. 106
- 21 Lithographic Stone Quarry Co., Paris.—Lithographic stone. 106
- 22 Clément, Clément, & Co., Paris.—Diamonds. 106
- 23 Durrschmidt, Lyons.—Emery in grains and powdered. 106
- 24 Bertrand, Jules, & Co., La Ferté-sous-Jouarre, Seine and Marne.—Millstones. 106

- 25 Bailly & Co., La Ferté-sous-Jouarre, Seine and Marne.—Millstones. 106
- 26 Weyl & Co., Paris.—Mineral waters from Aulus Springs. 107

Metallurgical Products.

- 27 Desmoutis, Quennessen, & Le Brun, Paris.—Platinum. 110
- 28 Chappée, A., Mans, Sarthe.—Iron pipes for water and gas. 111
- 29 Durenne, A., Paris.—Monumental fountain. 111
- 30 Martin, Pierre Emile, Sireuil, Charente.—Iron and steel. 111
- 31 La Voulte & Besseges, Lyons.—Iron and steel castings. 111
- 32 Marseillies Gas Co., Marseilles.—Spiegeleisen iron. 111
- 33 Marquise Foundry and Construction Works, Paris.—Iron pipes and chandeliers. 111
- 34 Secrétan, E., Paris.—Copper. 112
- 35 Brot, Leopold, Paris.—Mirrors, with gilt frames; mirrors and furniture, with double shutters and triple front. 119

Mining Engineering.

- 36 Davey, Bickford, Watson, & Co., Rouen.—Safety fuse for mines. 120
- 37 Cossett, Dubrulle, Lille, Nord.—Safety lamps for miners. 120
- 38 Galibert, A., Paris.—Apparatus for breathing amid suffocating gases. 120

Arboriculture and Forest Products.

- 1 Delmas, Augustin, Toulouse.—Natural woods. 600
- 2 Gouturon, Mezin, Lot-and-Garonne.—Corks. 602

Pomology.

- 3 Charaozé Bros., La Pyramide, Maine-and-Loire.—Fruits. 610

Agricultural Products.

- 4 Barthe, G., Paris.—Corn and flour. 620
- 5 Dumoutier, Ch., Claville, Eure.—Agricultural products. 620
- 6 Thoreau, E., & Son, Chateau de la Chèze, Maine-and-Loire.—Barley. 620
- 7 Gutmann & Bloch, Paris.
a Barley. 620
b Hops and malt. 623
- 8 Fos, Miss J., Paris.—Medicated cigarettes. 623

Animal and Vegetable Products.

Water Animals, Fish Culture, and Apparatus.

- 9 Colin, jr., Nantes.—Preserved fish. 641
- 10 Dupland, E., Ville-en-Bois, Loire-Inferieure.—Preserved sardines. 641
- 11 Jacquier & Saupiquet, Nantes.—Sardines in oil. 641
- 12 Maille & Tandeau, Paris.—Anchovies in oil. 641
- 13 Maré, C., Nantes.—Sardines. 641
- 14 Peltier & Paillard, Paris.—Sardines in oil. 641
- 15 Philippe & Co., Nantes.—Sardines in oil. 641
- 16 Terrien, Palais, Belle-Ile-en-Mer.—Sardines in oil. 641
- 17 Caillebotte & Dumagnou, Paris.—Sardines and pickled fish. 642
- 18 Dufour, A., & Co., Bordeaux.—Sardines. 642
- 19 Peltier & Gaillard, Paris.—Sardines in oil. 642
- 20 Clement & Co., Paris.—Pearls. 645

Animal and Vegetable Products.

- 21 Coupiac, E., Roquefort Cheese-Factory, Roquefort, Aveyron.—Cheese. 651
- 22 Bageau, H., Paris.—Waterproof glue for leather. 652
- 23 Corbel, Eug., & Co., Nantes.—Leather. 652
- 24 Clavé, Bertrand, Coulommiers, Seine-and-Marne.—Leather. 652
- 25 Burel, J., Paris.—Peltry; kid-skins. 652
- 26 Bayvet Bros., Paris.—Morocco, sheep, calf, goat, and kid skins. 652
- 27 Basset & Co., Paris.—Kid for shoes. 652
- 28 Allain, Jules, Paris.—Kid for shoes. 652
- 29 Leven, M., senior and junior, Paris.—Calf-skin. 652
- 30 Fortier, Beaulieu, Paris.—Leather for furniture. 652
- 31 Tréfousse & Co., Chaumont, Haute-Marne.—Leather and dyes for leather. 652
- 32 Sueur, F., jr., Paris.—Leather. 652
- 33 Sorro Bros., Millan, Aveyron.—Calf-skin. 652
- 34 COLLECTIVE EXHIBIT OF THE LEATHER MANUFACTURERS OF SAINT-SAEMS, SEINE INFÉRIEURE.—LEATHER. 652
- Lefebvre, Felix.
- Lecourtois, Arthur.
- Lemonnier, Jules.
- Sergent, Edmond.
- Fache-Havé & Brother.
- Frigot, Emile.
- Lefebvre, Florentin.
- Binet, Hippolyte.
- Lenormand, Emile.
- Morisset, Mrs.
- Blot, Eugène.
- Dumesnil, Paul.

- 35 Revillon Bros., Paris.—Peltries. 652
- 36 Daubin & Co., Paris.—Pork grease. 652
- 37 Duchesne Bros., Paris.—Morocco leather. 652
- 38 Peltier & Gaillard, Paris.—Preserved meats. 656
- 39 Passion, Marc, Paris.—Preserved food. 656
- 40 Ségur & Obier, Périgueux, Dordogne.—Preserved food and paté de fois gras. 656
- 41 Vicat, J. H., Paris.—Mustard and pickles. 656
- 42 Terrien, senior, Palais, Belle-Ile-en-Mer.—Preserved food. 656
- 43 Maré, C., Nantes.—Green peas. 656
- 44 Lenoir, A., Paris.—Preserved game, poultry, etc.; patés. 656
- 45 Lecourt, Francois, Paris.—Preserved food. 656
- 46 Landrin, Augustin, Paris.—Preserved fruits and vegetables. 656
- 47 Lamarche & Veillon, Paris.—Preserved game and patés de fois gras. 656
- 48 Jacquier & Taupiquet, Nantes.—Preserved food. 656
- 49 Henry, Louis, Paris.—Patés de fois gras. 656
- 50 Groult, jr., Paris.—Conserves. 656
- 51 Tivollier, Auguste, Toulouse.—Paté de fois gras. 656
- 52 Fau, J., Bordeaux.—Prunes. 656
- 53 Escoffier, J., Nice.—Preserved fruits. 656
- 54 Dupland, E., Ville-en-Bois, near Nantes.—Sardines in oil. 656
- 55 Dronne, L. F., Paris.—Paté de fois gras and preserved meats. 656
- 56 Dione, A. C., Paris.—Preserved food. 656
- 57 Lamarche & Veillon, Paris.—Paté de fois gras. 656
- 58 Deriviere, Julien, Paris.—Preserved food. 656
- 59 Dardelle & Co., Paris.—Preserved and dried vegetables. 656
- 60 Cormier & Véron, Paris.—Preserved food. 656
- 61 Colin, Joseph, Nantes.—Preserved food. 656
- 62 Chevallier, Appert, Paris.—Preserved food. 656
- 63 Caillebotte & Dumagnou, Paris.—Preserves. 656
- 64 Boyer, P., & Co., Gignac, Hérault.—Truffles, capers, and olives. 656
- 65 Bornibus, Alexandre, Paris.—Mustard and pickles. 656
- 66 Bonfils Bros. & Co., Paris.—Preserved truffles. 656
- 67 Philippe & Co., Nantes.—Preserved food. 656
- 68 Fiton & Nouvialle, Bordeaux.
- a Preserved food and fruits. 656
- b Liquors. 660

Vegetable Products, Wines, Liquors.

- | | | | |
|--|-----|---|-----|
| 69 Ecorcheville & Legrand, Paris. | | 100 Poitevin, Ch., & Co., Bordeaux.— | |
| a Preserved fruits. | 656 | Wines. | 660 |
| b Confectionery. | 661 | 101 Roullé, E., Bordeaux.—Wines. | 660 |
| 70 Dufour, A., & Co., Bordeaux. | | 102 Rojat, Jules, Nîmes, Gard.—White | |
| a Prunes. | 656 | wine vinegar. | 660 |
| b Wines. | 660 | 103 Roederer, Théophile, & Co., Reims. | |
| 71 Dandicolle & Gaudin, Bordeaux. | | —Champagne wines. | 660 |
| a Preserved food. | 656 | 104 Rivière, Gardrat, & Co., Cognac.— | |
| b Wines and liquors. | 660 | Brandies. | 660 |
| 72 Rousseau Bros, Paris. | | 105 Ricaumont, de, & Co., Libourne.— | |
| a Preserved fruits. | 656 | Wines. | 660 |
| b Liquors. | 660 | 106 Sabatier-Granier & Son, Manduel, | |
| 73 Maille & Tandean, Paris. | | Gard.—Wines and brandies. | 660 |
| a Mustard, pickles, and anchovies in | | 107 Rouyer, Guillet, & Co., Saintes, | |
| oil. | 656 | Charente Inferieur.—Brandies. | 660 |
| b Vinegar. | 660 | 108 Roussillon, J., & Co., Epernay, | |
| 74 Lesage & Paignard, Paris. | | Marne.—Champagne wines. | 660 |
| a Preserves. | 656 | 109 Fontaine, Sarget de la, Bordeaux. | |
| b Confectionery. | 661 | —Wines. | 660 |
| 75 Louit Bros. & Co., Bordeaux. | | 110 Soudée, Paris.—Wines and Bran- | |
| a Preserves and mustard. | 656 | dies. | 660 |
| b Vinegar. | 660 | 111 Tarbouriech, Louis, Cette, Hérault. | |
| c Chocolates. | 661 | —Wines. | 660 |
| 76 Mauprivez, A., Paris.—Tapioca. | 658 | 112 Marchand Bros., Paris.—Liq- | |
| 77 Say, C., Paris.—Refined Sugar. | 659 | uors. | 660 |
| 78 Déjardin, E., Paris.—Orange | | 113 Lossy & Co., Reims.—Champagne | |
| syrup. | 659 | wines. | 660 |
| 79 Antheaume & Sons, Bourget-les- | | 114 Lentilhac, de, Ballargeaux, St. | |
| Paris, Seine. | | Aulaye.—Wines. | 660 |
| a Glucose. | 659 | 115 Launay, de, & Co., Paris.—Cham- | |
| b Caramels. | 661 | pagne wines. | 660 |
| 80 Lefèvre & Rémondet, Savigny-les- | | 116 Larronde Brothers, Bordeaux.— | |
| Beaune, Côte d'Or.—Sparkling | | Wines and brandies. | 660 |
| wines. | 660 | 117 Lamart, A., Beaumetz-les-Loges, | |
| 81 Combiér, J., Saumur, Maine-and- | | Pas-de-Calais.—Liquors. | 660 |
| Loire.—Liquors. | 660 | 118 Labrunie, P. A., Bordeaux.— | |
| 82 Chenu, Laffitte, & Co., Bordeaux.— | | Wines. | 660 |
| Wines. | 660 | 119 Javerzac, Viremondoy, & Co., Pont- | |
| 83 Brizard & Roger, Bordeaux.— | | de-Bordes, Lot-and-Garonne.—Wines and | |
| Liquors. | 660 | brandies. | 660 |
| 84 Passier, A., Sautenay, Côte d'Or.— | | 120 Irroy, Ernest, & Co., Reims.— | |
| Wines. | 660 | Champagne wines. | 660 |
| 85 Otard, Dupuy, & Co., Cognac.— | | 121 Guilhou, A., senior, Bordeaux.— | |
| Brandies. | 660 | Wines. | 660 |
| 86 Pinet, Castillon, & Co., Cognac.— | | 122 Guichard-Potheret, & Son, Chal- | |
| Brandies. | 660 | lon-sur-Saone.—Wines. | 660 |
| 87 Perrier, J., & Co., Chalons-sur- | | 123 Hivert, Pellevoisin, & Godet, La | |
| Marne.—Champagne wines. | 660 | Rochelle.—Brandies. | 660 |
| 88 Montigny, de, & Co., Reims.— | | 124 Anthoine, Paris.—Wines. | 660 |
| Champagne wines. | 660 | 125 Barral, J. L., Paris.—Wines. | 660 |
| 89 Montheuil, Franc, senior, Bordeaux. | | 126 Beaucourt, Fortuné, Margaux- | |
| —Wines. | 660 | Medoc, Gironde.—Wines. | 660 |
| 90 Montebello, Alfred de, & Co., | | 127 Bellot, Jules, & Co., Cognac, Cha- | |
| Mareuil-sur-Aÿ, Marne.—Champagne | | rente.—Brandy. | 660 |
| wines. | 660 | 128 Beuverand, de, & Poligny, de, | |
| 91 Meukow, A. C., Cognac.—Bran- | | Chassagne, Côte d'Or.—Wines. | 660 |
| dies. | 660 | 129 Bollinger, J., Aÿ-Champagne, | |
| 92 Merman, G., Bordeaux.— | | Marne.—Champagne wine. | 660 |
| Wines. | 660 | 130 Bontou, jr., Bordeaux.—Wines. | 660 |
| 93 Merman & Maitre, Bordeaux.— | | 131 Boule, E., Bordeaux.—Wines. | 660 |
| Wines. | 660 | 132 Bourgoin-Jamain, jr., Beaune, | |
| 94 Merman, Jules, & Co., Bordeaux.— | | Côte d'Or.—Wines. | 660 |
| Wines. | 660 | 133 Boutelleau & Co., Barbezieux near | |
| 95 Mayer, Albert, Paris.—Liquors. | 660 | Cognac.—Brandies. | 660 |
| 96 Mercier, Eug., Epernay.—Cham- | | 134 Brugalieres, Etienne, Floressas, | |
| pagne wines. | 660 | Lot.—Wines. | 660 |
| 97 Reignard, Paris.—Wines. | 660 | 135 Chaboseau & Payen, Levallois- | |
| 98 Promis, Justin, Bordeaux.—Wines | | Perret, Seine.—Liquor. | 660 |
| and brandies. | 660 | | |
| 99 Poligny Society of Agriculture, | | | |
| Science, and Art, Poligny, Jura.— | | | |
| Wines. | 660 | | |

SHELL BOXES **JOHNSON & CO.,**
COTTAGES, Charterhouse Works,
TOY FURNITURE, LONDON,
CUSHIONS, ETC., ENGLAND.
AND
Ornamental Box Manufacturers,

SHOW CASE, INDUSTRIAL HALL.



**BLOOD, WOLFE & CO.'S
XXX DUBLIN STOUT**

AND

PALE ALES,
LIVERPOOL AND LONDON, ENGLAND.

Agents in all principal cities in the United States.

Wines, Liquors, Vegetable Products, Agricultural Machines.

- 136 Roy, G., Margaux, Gironde.—Wines. 660
- 137 Chiapella, Jérôme, Bordeaux.—Wines. 660
- 138 Clavelle, Jules, Bordeaux.—Wines. 660
- 139 Clerc, J. B., Bordeaux.—Wines. 660
- 140 Collin, Ad., Chalons-sur-Marne.—Champagne wines. 660
- 141 Coudert, G., & Son, Limoges, Haute-Vienne.—Brandies. 660
- 142 Cunliffe, Dobson, & Co., Bordeaux.—Wines. 660
- 143 Curlier Bros. & Co., Paris.—Brandies. 660
- 144 Cusenier, E., & Co., Ornans, near Pontarlier.—Liquors. 660
- 145 Delizy & Doistau, jr., Pantin, Seine.—Liquors. 660
- 146 Thoreau, E., & Son, Chateau de la Chêze, near Saumur.—Champagne and red wines. 660
- 147 Tivet, B., Bordeaux.—Liquors and bitters. 660
- 148 Agricultural Union, Chateau-neuf, Charente.—Brandies. 660
- 149 Gourry & Co., Cognac.—Brandies. 660
- 150 Goerg, I., & Co., Chalons-sur-Marne.—Champagne wines. 660
- 151 Giojuzza & Giobertini, Paris.—Wines. 660
- 152 Gerin, E., Saint Jean d'Angéley, Charente.—Brandy. 660
- 153 Garros, J. L., Bordeaux.—Wines. 660
- 154 Garnier, P., Noyon, Oise.—Liquors. 660
- 155 Gadrat, D. G., & Co., Cognac.—Brandies. 660
- 156 Frois, Leo, & Co., Bordeaux.—Wines. 660
- 157 Fournier, Jules, Epernay, Marne.—Champagne wines. 660
- 158 Fournier, A., Chateau de Figeac, Gironde.—Wines. 660
- 159 Fouchez, L., & Co., Cognac.—Brandies and liquors. 660
- 160 Dessandier, F., & Co., Jarnac-Cognac.—Brandies. 660
- 161 Detrie-Grandjean, Saint Loup-sur-Semouse, Haute Saone.—Kirschwasser. 660
- 162 Ditely, E., Paris.—Wines. 660
- 163 Dolin, Mrs., Chambéry, Haute Savoy.—Vermouth. 660
- 164 Druelle, Reims.—Champagne wines. 660
- 165 Dubois, E., & Co., Saint Jean d'Angéley, near Cognac.—Brandies. 660
- 166 Duquênél, Paris.—Wines and brandies. 660
- 167 Duret, Jules, & Co., Cognac.—Brandies. 660
- 168 Durozier, M., & Co., Cognac.—Liquors. 660
- 169 Laplante, Edard de, Guyotville, near Algeria.—Wines. 660
- 170 Faure, J., & Co., Cognac.—Brandies. 660
- 171 Faurie, J., sr., Narbonne.—Wines. 660
- 172 Ferret, Bros., & Co., Macon.—Wines. 660
- 173 Fil, Francois, Narbonne, Ande.—Wines. 660
- 174 Fisse, Thirion, & Co., Reims.—Champagne wines. 660
- 175 Seignouret Bros.—Bordeaux.
a Wines and brandies. 660
b Olive oil. 662
- 176 Mestrezat & Co., Bordeaux.
a Wines and brandies. 660
b Olive oil. 662
- 177 Reinhardt, L., & Co., Paris.—Bonnons. 661
- 178 Biardot, Alphonse, Paris.—Confectionery. 661
- 179 Chenu, P., Paris.—Confectionery. 661
- 180 Combet, Joseph, Paris.—Confectionery. 661
- 181 Ménier, Paris.—Chocolates. 661
- 182 Nègre, Joseph, Grasse, Alpes Maritimes.—Confectionery. 661
- 183 Lombart, Paris.—Chocolates. 661
- 184 Marge, jr., Lyons.—Patés. 661
- 185 Mottet, J., & Co., Marseilles.—Olive oil. 662
- 186 Plagniol, James de, Marseilles.—Olive oil. 662
- Textile Substances of Vegetable or Animal Origin.**
- 187 Chabert, J., & Co., Chomérac, Ardèche.—Raw silk. 668
- 188 Boudon, Louis, St. Jean-du-Gard, Gard.—Raw silk. 668
- 189 Arlès, Dufour, Lyons.—Raw silk. 668
- 190 Thomas, F., Pont des Charettes, Gard.—Cocoons and raw silk. 668
- 191 Pellet, A. P., St. Jean-du-Gard, Gard.—Raw silk. 668
- Machines, Implements, and Processes of Manufacture.**
- 192 Rabache, A., Clunay-sur-Odon, Calvados.—Double plow. 670
- 193 Couture, Paris.—Stripping machines for textiles. 673
- 194 Druelle, Reims.—Corking apparatus for champagne wines. 673
- 195 Deny, Louis, Paris.—Cylinder press for sugar. 673
- 196 Maurice & Guenin, Epernay.—Corking machines. 673
- 197 Mabile Bros., Amboise, Indre and Loire.—Wine and oil presses. 673
- 198 Logette, Ay, Marne.—Clasps for bottles, and machines for using them. 673
- 199 Gervais, E., Bordeaux.—Corking machines. 673
- 200 Fréal, Epernay, Marne.—Machines for filling bottles. 673
- 201 Fisse, Thirion, & Co., Reims.—Iron clasps and bottling apparatus. 673

Agricultural Machines, Engineering.

- 202 Mercier, Eug., Epernay.—Apparatus for vine-culture and for the manufacture of sparkling wines. 673
- 203 Malligand, Ed., jr., Paris.—Alcohol tester. 673
- 204 Pernollet, Jh., Paris.—Sieves, sorters, and root knives. 673
- 205 Tricourt, A., Reims.—Wine manufacturing machines. 673
- 206 Chenaillier, Paris.—Evaporator. 673
- 207 Cicile, Larbre, Reims, Marne.—Machines for cleaning bottles. 673
- 208 Dornon, L., Lyons.—Gauzes for bolting rooms and sieves. 674
- 209 Perard, V., Paris.—Sheep-shearing machine. 674
- 210 Fauqueux, A., La Ferté-Sous-Jouarre, Seine and Marne.—Millstones. 674
- 211 Durvie, Ivry-la-Bataille, Eure.—Mechanical kneading-trough. 674
- 212 Scheidecker, Ch., Paris.—Shearing machines. 674
- 213 Roger, jr., & Co., La Ferté-Sous-Jouarre, Seine and Marne.—Millstones. 674
- 214 Sensfelder, Arcueil, Seine.—Shearing machines. 674
- 215 Aubin & Baron, Paris.—Millstones. 674
- 216 Bailly & Co., La Ferté-Sous-Jouarre, Seine and Marne.—Millstones. 674
- 217 Bertrand, J., & Co., La Ferté-Sous-Jouarre.—Millstones. 674
- Agricultural, Engineering, and Administration.**
- 218 Coignet, senior and junior, & Co., Paris.—Manure. 681
- 219 Midi Phosphate Manufacturing Co., Paris.—Phosphate of lime. 681
- 220 Jacquand, senior and junior, Lyons.—Animal charcoal, phosphates, etc. 681
- 221 Solfatare de Pozzuoli Manufacturing Co., Paris.—Artificial manure. 681
- 222 Sensfelder, Arcueil, Seine.—Artificial manure. 681
- 223 Tancrede Bros., Paris.—Animal charcoal. 681
- 224 Desfeux, Ph., Paris.—Models of agricultural sheds. 683

GERMANY.

(West of Nave, Columns 1 to 4.)

Forest, Agricultural, Vegetable, Animal Products.

Arboriculture and Forest Products.

- 1 Körper & Co., Mannheim.—Resinous products in a manufactured state. 603

Agricultural Products.

- 2 Noll, Joh. Balth., & Bros., Bucking, Giessen.—Cigars. 623
- 3 Neubeck, A., Bruchsal.—Cigars. 623
- 4 Eckstein, A. M., & Sons, Göttingen.—Tobacco and cigarettes. 623
- 5 Gaus, August, Baden-Baden.—Tobacco and cigarettes. 623
- 6 Landfried, P. J., Rauenberg.—Tobacco and cigarettes. 623
- 7 Scherzinger, W., Stollhofen.—Tobacco and cigarettes. 623
- 8 Lotzbeck Bros., Lahr.—Snuff. 623
- 9 Goldmann, C., Neutomischel.—Hops. 623
- 10 Le Coq, A., & Co., Darmstadt.—Seeds. 624

Animal and Vegetable Products.

- 11 Freudenberg, C., Weinheim.—Calfskins. 652
- 12 Kaumanns, F. H., Ehrenbreitstein.—Leather. 652

- 13 Meyer, E., Berlin.—Leather. 652
- 14 Schaller, G., Lahr.—Morocco leather. 652
- 15 Simon, C., Sons, Kirn-on-the-Nahe.—Morocco leather. 652
- 16 Dessauer, A., Aschaffenburg.—Parchment, glue. 652
- 17 Winter, Fr., Offenbach-on-Main.—Glue. 652
- 18 Spicharz, Ph. Jac., Offenbach-on-Main.—Leather. 652
- 19 Bruning, H. W., Neumünster.—Leather. 652
- 20 Gernert, J., Munich.—Preserved fruits and vegetables. 656
- 21 Leipsic Malt Factory, Schkeuditz, near Leipsic.—Malt. 656
- 22 Moskopf, Th., Fahr, near Neuwied.—Mustard. 656
- 23 Walkhoff, J. H. G., Hamburg.—Preserved fish. 656
- 24 Naumann, D. L., Dresden.—Spice extracts. 656
- 25 Aly, August, Hamburg.—Barley, etc. 657
- 26 Bartsch, Max, Breslau.—Macaroni. 658

Vegetable Products, Wines.

- 27 Roper, J. F., Neuwied-on-Rhein.—Vermicelli. 658
- 28 Schorke, A., Gorlitz.—Grape sugar, assorted syrups. 659
- 29 Stollwerk Bros., Cologne.—Chocolates, etc. 659
- COLLECTIVE EXHIBIT OF GERMAN WINES. 660
- 30 Dahlen, J. F. J., Lorch.
- 31 Germersheimer, Jac., Lorch.
- 32 Dahlen, Burgermeister, Lorch.
- 33 Travers, Franz, Lorch.
- 34 Wittemann, Peter, Lorch.
- 35 Fendel, H. J., Lorch.
- 36 Jung, Joh. Ant., Assmannshausen.
- 37 Bruck, Erwin, Assmannshausen.
- 38 Grun, Wilh., Assmannshausen.
- 39 Kerber, Pet. Jos., Assmannshausen.
- 40 Aumuller, Jac., Rudesheim.
- 41 Brandmuller, J. B., Rudesheim.
- 42 Corvers, Ph., Rudesheim.
- 43 Dietrich & Co., Rudesheim.
- 44 Dilthey, Sahl, & Co., Rudesheim.
- 45 Ehrhardt, C., Rudesheim.
- 46 Ehrhardt, J., Rudesheim.
- 47 Gebürsch, Widow, Rudesheim.
- 48 Hey, Carl, Rudesheim.
- 49 Jung & Co., Rudesheim.
- 50 Krass, J. A., Rudesheim.
- 51 Muschel, F., Rudesheim.
- 52 Schulz & Reuter, Rudesheim.
- 53 Winkel & Rothenbach, Rudesheim.
- 54 Burgeff, N., Geisenheim.
- 55 Höhl, Bros., Geisenheim.
- 56 Lade, Fritz, Geisenheim.
- 57 Quitman, A., Geisenheim.
- 58 Rothe-Thorndike, Geisenheim.
- 59 Metternich, Prince von, Johannisberg.
- 60 Forst, J., Johannisberg.
- 61 Klein, Joh., Johannisberg.
- 62 Muller, Gottl., Winkel.
- 63 v. Cunibert, Frh., Oestrich.
- 64 Peez, Ernst, Oestrich.
- 65 Rasch, Oestrich.
- 66 Steinheimer, C. J. B., Oestrich.
- 67 Söhnchen, Hallgarten.
- 68 Krämer & Lauer, Eltville.
- 69 Nilkens, A., Eltville.
- 70 Preusel & Bachmann, Eltville.
- 71 Furstenberg-Stammheim, H. E., Count of, Kiedrich.
- 72 Proprietors of the Kett Estate, Kiedrich.
- 73 V. Kindlinger, Neudorf.
- 74 König, J. B., Rauenthal.
- 75 Siegfried, Rauenthal.
- 76 Rosenstein, B., Wiesbaden.
- 77 Zais, Wiesbaden.
- 78 Diener, Hochheim.
- 79 Rheingau Sparkling Wine Co., Schierstein.
- 80 Feist Bros. & Sons, Frankfort-on-Main.
- 81 Kehrman, Fr., Coblenz.
- 82 Buhl, F. P., Deidesheim.
- 83 Feis, Louis, Deidesheim.
- 84 Eckel, Gebr., Deidesheim.
- 85 Seyler, Fr., Deidesheim.
- 86 Frölich, F. A., Deidesheim.
- 87 Vornberger, J. M., Wurzburg.
- 88 Lang, F. J., Wurzburg.
- 89 Oppmann, J., Wurzburg.
- 90 Meuschel, senior, J. W., Buchbrunn.
- 91 Valckenberg, P. J., Worms.
- 92 Langenbach, J., & Sons, Worms.
- 93 Bach, A. H., Mayence.
- 94 Henkell & Co., Mayence.
- 95 Dreydelsohn & Co., Mayence.
- 96 Jäger & Son, Büdesheim.
- 97 Meyer & Coblenz, Bingen.
- 98 Orb & Weiss, Westhofen.
- 99 Herbst, J., Sulzburg.
- 100 Durlacher, S., & Sons, Kippenheim.
- 101 Schutt, A., Bühl.
- 102 Rossler, A., Neuweier.
- 103 Wenk, M., Offenburg.
- 104 Hausler, C. S., Hirschberg, Silesia.—Wine. 660
- 105 Rheingau Sparkling Wine Co., Schierstein.—Wine. 660
- 106 Henckell & Co., Mainz.—Wine. 660
- 107 Luidecke, A. G., Magdeburg.—Wines. 660
- 108 Bäcker & Fieck, Treves.—Liqueurs. 660
- 109 Behrens, Th., Kiel.—Liqueurs. 660
- 110 Boyens, P. W., Tömmig.—Liqueurs. 660
- 111 Brumby, G., Luckau.—Liqueurs. 660
- 112 Dammann, L., & Cordes, Thorn.—Liqueurs. 660
- 113 Hoffmann, M. & J., Pfalzburg.—Liqueurs. 660
- 114 Kadach, J., Berlin.—Liqueurs. 660
- 115 Keiler, J. S., Dantzic.—Liqueurs. 660
- 116 Landauer & Macholl, Heilbronn.—Liqueurs. 660
- 117 Stein, G. & L., Offenburg.—Liqueurs. 660
- 118 Stibbè, H., Cologne.—Liqueurs. 660
- 119 Underberg-Albrecht, H., Rheingau.—Liqueurs. 660
- 120 Drouven, Jac., & Co., Coblenz.—Liqueurs, arrack punch-syrup. 660
- 121 Gilka, J. A., Berlin.—Liqueurs and spirits. 660
- 122 Lehment, Fr., & C., Kiel.—Liqueurs and spirits. 660
- 123 Köpp, Th., & Son, Wesel.—Liqueurs and extracts. 660
- 124 Ulex, G. F., successors to, Neuhaus-on-the-Oste.—Liqueurs and extracts. 660

Vegetable Products, Agricultural Machines, and Engineering.

125 Kantorowicz, H., Posen.—Liqueurs and fruit juices. 660

126 Lazar, Gebr., Königsberg, Prussia.—Liqueurs and fruit juices. 660

127 Naumann, Fr., Delitzsch.—Liqueurs and fruit juices. 660

128 Bernhardt, A., Breslau.—Essences. 660

129 Schneider & Schorn, Magdeburg.—Essences. 660

130 Buck Bros., Lübeck.—Vinegar. 660

131 Stengel, W., Leipzig.—Potato brandy. 660

132 Meyer, Edward, Stadthagen.—Herb-liqueurs. 660

133 Ackermann, Louis, Berlin.—Extracts for liqueurs. 660

134 Wedenbrig, H. T., Barmbeck.—Liqueurs. 660

COLLECTIVE EXHIBIT OF BAVARIAN HOPS, BEER, AND LITERATURE RELATING THERETO. 660

135 Dreifuss & Binswanger, Nuremberg.

136 Sahlmann Bros., Fürth.

137 Stadt Magistrat, Spalt.

138 Carl, J., Nuremberg.

139 Homann, C., Nuremberg.

140 Bottinger, H. F., Würzburg.

141 Boutteville, Frh. v., Mering.

142 Geisel, L., Neustadt-on-the-Hardt.

143 Pschow Brewery, Munich.

144 Frh. v. Thüngen Brewery, Weisenbach.

145 Weltz, H., Speier.

146 Bavarian Joint-Stock Brewery, Aschaffenburg.

147 Dortmund Brewery, Aix-la-Chapelle.—Beer. 660

148 Friedrichshöhe Joint-stock Brewery, Berlin.—Beer. 660

149 Hildebrand, J., Pfungstadt.—Beer. 660

150 Karfunkelstein, M., & Co., Hamburg.—Beer. 660

151 Kauffmann, L., Mannheim.—Beer. 660

152 Berlin Tivoli Brewing Co., Berlin.—Beer. 660

Textile Substances of Vegetable or Animal Origin.

153 Overbeck, Peter, Dortmund.—Beer. 660

154 Mens, R. von, Carlsdorf, Silesia.—Merino wool. 667

155 Stein, H. & Co., Frankfurt-on-Main.—Spun horse-hair. 669

Machines, Implements and Processes of Manufacture.

156 Mayer & Co., Kalk, near Cologne.—Winnowing and sorting machine. 672

157 Royal Wurtemberg Furnaces, Friedrichsthal.—Scythes. 674

158 Joacks & Behrns, Lubeck.—Model of a set of millstones. 674

159 Werner, J., & Co., Mannheim.—Brewing utensils and models.

Agriculture Engineering and Administration.

160 Eichler, Gustav, Sansouci.—Plans for gardens. 680

161 Raumer, C. V., Warmbrunn.—Works and models relating to drainage and irrigation. 680

AUSTRIA.

(Columns D to G, 1 to 4.)

Forest and Agricultural Products, Fruits.

Arboriculture and Forest Products.

1 Weissmann, David and Adlersberg, Isaac Leib, Perchinsko, Galicia.—Sounding-board wood. 600

2 Frankl, I. G. & L., Vienna.—Austrian timber for furniture manufacturers. 600

3 Schwinner, George, Maissau.—Saffron. 602

Pomology.

4 Von Zierotin, Countess Gabriel, Blauda, Moravia.—Gooseberry and currant bushes, two different fruits growing on the same stem. 610

5 Faseth & Son, F., Gumpoldskirchen, near Vienna.—Fresh grapes. 610

6 Marks & Weyden, Budapest.—Turkish prunes. 611

Agricultural Products.

7 Lyka, Demeter, Pázmánd, Hungary.—Wheat. 620

8 Sollnitzky & Mittler, Brunn.—Pulses. 621

9 Gogl, Junior, Zeno, Krems.—Mustard. 623

10 Chleborad, Franz, Ladislav, Mariditz.—Hops. 623

THE SUN NEWSPAPER

Is printed and published every day in the year, at 166, 168, and 170 Nassau Street, New York City. Its regular edition on secular days now (April, 1876) averages about 140,000; its weekly edition over 88,000; and its Sunday issue is nearly 100,000. It thus prints and sells more than a million copies a week, which are read all over the United States. This is a circulation unprecedented in American journalism, and it is constantly on the increase. In proof of this, let the following figures testify. They show the number of copies of THE SUN printed every week during the year ending March 11, 1876.

WEEK ENDING	COPIES PRINTED.	WEEK ENDING	COPIES PRINTED.
March 20.....	849,382	September 18.....	860,358
27.....	845,802	25.....	858,778
April 3.....	857,956	October 2.....	863,935
10.....	863,556	9.....	870,820
17.....	855,076	16.....	878,082
24.....	858,270	23.....	874,625
May 1.....	869,542	30.....	876,160
8.....	867,550	November 6.....	908,580
15.....	877,450	13.....	852,372
22.....	874,946	20.....	847,815
29.....	866,276	27.....	836,248
June 5.....	873,782	December 4.....	845,378
12.....	869,769	11.....	1,042,716
19.....	880,348	18.....	956,294
26.....	883,846	25.....	933,864
July 3.....	898,862	January 1.....	933,987
10.....	867,574	8.....	952,202
17.....	877,400	15.....	953,019
24.....	876,282	22.....	969,911
31.....	874,216	29.....	967,850
August 7.....	865,558	February 5.....	993,030
14.....	875,982	12.....	1,024,647
21.....	880,488	19.....	1,027,209
28.....	870,502	26.....	1,014,766
September 4.....	872,211	March 4.....	1,014,993
11.....	860,755	11.....	1,028,951
TOTAL.....		46,799,769	

In printing these papers, no less than three million four hundred and twenty-six thousand six hundred and ten (3,426,610) pounds of paper were consumed.

ADVERTISING RATES.

DAILY AND SUNDAY, 40 cents a line, ordinary advertising; large type, 80 cents; and preferred positions, 50 cents to \$2.50, according to classification.

WEEKLY, 50 cents a line; no extra charge for large type. Preferred positions, from 75 cents to \$2.00.

SUBSCRIPTION RATES.

DAILY (4 pages), by mail, 55c. a month, or \$6.50 a year, postpaid; with Sunday edition, \$7.70.

SUNDAY (8 pages), \$1.20 per year, postpaid.

WEEKLY (8 pages), \$1.20 per year, postpaid.

Address,

THE SUN,
New York.

H. FRIEDBERGER.

H. L. STROUSE.

FRIEDBERGER & STROUSE,

IMPORTERS AND JOBBERS

OF

MILLINERY GOODS,

113 & 115 N. 8th St.

AND

733 ARCH STREET

PHILADELPHIA.

Agricultural, Animal, Vegetable Products.

- 11 Chiozza, Luigi, Cervignano, near Trieste.—Maize products. 623
- 12 Tanzer Bros., Prague.—Hops. 623
- 13 Schwarz & Sons, Benjamin, Auscha, Bohemia.—Hops. 623
- 14 Schary, Johann Michael, Prague.—Hops. 623
- 15 Mlinek, Johann, St. Veit, Karnten.—Hops. 623
- 16 Frankl Bros., Prague.—Seeds. 624

Land Animals.

- 17 Von Lacher, Edward, Vienna.—History of bees. 638

Water Animals, Fish Culture and Apparatus.

- 18 Topich, Antonio, Lissa, Dalmatia.—Preserved fish. 641

Animal and Vegetable Products.

- 19 Kreitner & Sons, David, Hohenbruck, Bohemia.—Leather. 652
- 20 Ielinek, Adolph, Lieben, Bohemia.—Glove leather. 652
- 21 Popper, Josef, Prague.—Kid leather. 652
- 22 Ianesch, Edward, Klagenfurt, Karnten.—Leather. 652
- 23 Hoffman, I. and S., Klagenfurt, Karnten.—Leather. 652
- 24 Foges, I., Gaudenzdorf, near Vienna.—Leather, calf and goat skins. 652
- 25 Eckstein, H. M., Lieben.—Glove leather. 652
- 26 Cernstein, Anton V., Pardubitz, Bohemia.—Cow leather and calf skin. 652
- 27 Breuer, Miromil, Elbeteintz, Bohemia.—Patent leather. 652
- 28 Winter, F., Altmannsdorf, near Vienna.—Hides. 652
- 29 Weiss, Bernhard, Vienna.—Cow-hides, lamb, goat, and sheep skins. 652
- 30 Suesz, A. H., Vienna.—Leather. 652

- 31 Schmitt, Franz, Rehberg, near Krems.—Leather. 652
- 32 Schmalzl, George, Gaudenzdorf, near Vienna.—Leather, skins. 652
- 33 Nenner, Christof, Klagenfurt and Trieste.—Leather. 652
- 34 Mehlshmidt, Franz, Prague.—Glove leather. 652
- 35 Petrick, G. B., Bodenback.—Honey, wax. 654
- 36 Tschurtschenthaler, Alois, Botzen.—Conserved and dried fruits. 656
- 37 Sandpichter, Leopold, Gorz.—Candied fruit. 656
- 38 Kauffmann, M., Brunn.—Moravian malt. 657
- 39 Scllnitzky & Mittler, Brunn.—Barley. 657
- 40 Hanna Malt Factory, Kremsier.—Malt and barley. 657
- 41 Rosental, I., Vienna.—Wheat, wheaten flour. 657
- 42 Pohl, Josef, Zuckmantel, Austrian Silesia.—Flour and groats. 657
- 43 Nachtmann, Jacob, Tannwald.—Raspberry syrup. 659
- 44 Bauer & Son, L. W., Vienna.—Liquor. 660
- 45 Auchmann, F., Marburg, Styria.—Champagne. 660
- 46 Archleb, Josef, The Farms, Kvasnei.—Liquor. 660
- 47 Abeles, Heinrich, Vienna.—Wine. 660
- 48 Magazzin, Matteo, Zara.—Liquors. 660
- 49 Luxardo, Girolamo, Zara, Dalmatia.—Liquors. 660
- 50 Radon, Karl, Leitmeritz, Bohemia.—Beer, malt. 660
- 51 Lord & Co., F., Vienna.—Liquor. 660
- 52 Stampalia, Tommaso, Zara.—Liquors and cordials. 660
- 53 Siebenbürgen Wine Association, Klausenburg.—Wines. 660

SWITZERLAND.

Agricultural, Animal, Vegetable Products.

Agricultural Products.

- 1 Anastasio, Giuseppe, Lugano, Ct. Tessin.—Cigars. 623
- 2 Kottmann, J., Solothurn.—Cigars. 623
- 3 Sauter, A., Diessenhoffen, Ct. Thurgau.—Cigars. 623

Animal and Vegetable Products.

- 4 Schleife Tanneries, Winterthur, Ct. Zurich.—Blackened calf leather. 652

- 5 Hürlimann, J. J., Rapperswyl, Ct. St. Gallen.—Swiss honey. 654
- 6 Society for Bee Culture, Lukmanier, Sobrio, Ct. Tessin.—Honey and wax. 654
- 7 Coffee Surrogate Factory, Zurich.—Fig-meal (surrogate of coffee), conserved coffee. 656
- 8 Robbi & Co., Geneva.—Chocolate. 656
- 9 Schweigert, Auguste, Geneva.—Theodore's sauce. 656

Vegetable Products, Wines, Liquors.

- | | |
|--|--|
| <p>10 Suchard, Ph., Neufchâtel.—Chocolate, cacaos. 656</p> <p>11 Almen, von, Kopp, Fleurier, Ct. Neufchâtel.—Absinthe. 660</p> <p>12 Berger, C. F., Couvet, Ct. Neufchâtel.—Absinthe. 660</p> <p>13 Bernhard, S., Samaden, Engadin, Ct. Graubünden.—Jva bitter, Jva perfume, and tincture. 660</p> <p>14 Bolle, L. A., Son, Verrières, Ct. Neufchâtel.—Green and white absinthe. 660</p> <p>15 Grandpierre, J., Geneva.—Vermouth. 660</p> <p>16 Henny & Moullet, Fleurier, Ct. Neufchâtel.—Absinthe. 660</p> <p>17 Kirschwasser Company, Zug, Zug.—Kirschwasser. 660</p> | <p>18 Nievergelt, Joh., Maschwanden, Ct. Zurich.—Kirschwasser. 660</p> <p>19 Pernod, Ed., Couvet, Ct. Neufchâtel.—Green and white absinthe, gentian-liquor, kirschwasser. 660</p> <p>20 Scherer, Gebr., Meggen, Lucerne.—Kirschwasser. 660</p> <p>21 Schmidt, Joseph, Zug.—Sweet-liquors, righibitter, stomach-bitters, kirschwasser. 660</p> <p>22 Stauffenegger, Chr., Travers, Ct. Neufchâtel.—Absinthe. 660</p> <p>23 Gessler-Zeller, J., Basle.—Leckerly of Basle. 660</p> <p>24 Mattmann, Brothers, C. & J., Horw, near Lucerne.—Italian pastry. 660</p> |
|--|--|

BELGIUM.

(West of Nave, Columns 9 to 13.)

Agricultural, Animal, Vegetable Products.

Agricultural Products.

- | | |
|--|---|
| <p>1 Le Bailly, D'Inghuem, Viscount Arthur John, Villeneuve, Switzerland.—Cereals cultivated in a sandy soil. 620</p> <p>2 Ameye Berte, Rodolph, Ghent.—Chicory, raw, in the pod, and manufactured. 623</p> <p>3 Bonenfant Bros., Jodoigne (Brabant).—Chicory, raw, in the pod, and manufactured. 623</p> <p>4 Devos-Biebuyck, Hal, near Brussels.—Chicory, raw and manufactured. 623</p> <p>5 Vandendaele-Rigot, Charles, Quiévrain (Hainault).—Steam machine for manufacturing chicory, ground mustard. 623</p> <p>6 Delannoy, Nicholas, Tournai.—Chocolate. 623</p> <p>7 Joveneau, Arthur, Tournai (Hainault).—Powdered cocoa and chocolate; detail of chocolate manufacture. 623</p> | <p>14 Verboeckhoven, E. B., Brussels.—Varnished and unvarnished hides and skins. 652</p> <p>15 Versé-Spelmans, Brichot, Ant, & Co., Brussels.—Curried leather. 652</p> <p>16 Mirland & Co., Frameries, near Mons (Hainault).—Dried fruit paste. 656</p> <p>17 Remy & Co., Louvain (Brabant).—Starch and similar products. 658</p> <p>18 Demeulemeester, V., Ghent.—Candy made from sugar-cane sugar. 659</p> <p>19 Raparlier, Alphonse John, Steenhuyse-Wynhuyse, near Granmont, East Flanders.—Syrups. 659</p> <p>20 Vandendaele-Rigot, Ch., Quiévrain (Hainault).—Pear, apple, and beet-root syrups.</p> <p>21 Charlier, John Baptist, Ghent.—Beer. 660</p> <p>22 De Beukelaer, F. X., Antwerp.—Antwerp elixir, hygienic cordial. 660</p> <p>23 Fouassin, Arsenius, Liège.—Cordials. 660</p> <p>24 Schaltin, Pierry & Co., Spa.—Cordial, mineral waters, etc. 660</p> <p>25 Schmidt, Emile, Schaerbeek, near Brussels.—Belgian bitters, cordial. 660</p> <p>26 Schmitz, Peter, & Laleman, Francis, Charleroi (Hainault).—Health bitters, hygienic cordial. 660</p> <p>27 Bergh, van den, & Co., Antwerp.—Gin made from fine grains. 660</p> <p>28 Vandendaele-Rigot, Ch., Quiévrain (Hainault).—Vinegar. 660</p> <p>29 Wauters-de-Busscher, Mechlin, Province of Antwerp.—Cordials. 660</p> |
|--|---|

Animal and Vegetable Products.

- 8 Fremery & Co., Oils. 652
- 9 Bodart, Ed., Louvain (Brabant).—Sheep skins, white leather, morocco, salted roans. 652
- 10 Chantrain, E., Schaerbeek, near Brussels.—Leather peltry. 652
- 11 Lebermuth, J., & Co., Brussels.—Waxed leather and goat skins. 652
- 12 Ocreman, L., & Witdoeck, E., Mechlin, province of Antwerp.—Varnished skins. 652
- 13 Schmitz, F. A., & Co., Koekelberg, near Brussels.—Skins for hats; manufactured morocco leather. 652

Agricultural Products, and Machines, Textile Substances.

30 Damman, Edm., Borgerhout, near Antwerp.—Ship biscuit. 661

31 Casserie, van de, Leopold, Ghent, East Flanders.—Biscuits, etc. 661

Textile Substances of Vegetable or Animal origin.

32 Leclercq, Henry, Courtrai.—Flax. 666

33 Taulez-Bottelier, Charles, Bruges, East Flanders.—Oakum, flax. 666

34 Bodart, Ed., & Co., Louvain (Brabant).—Cold-washed wool. 667

35 Müllender, S., Verviers.—Flocks of wool and shearings. 667

36 Delmotte, Hippolitus, Ghent.—White bristles. 669

Machines, Implements, and Processes of Manufacture.

37 Dassonville-de-Saint, Hubert, L., Namur.—Stones for grinding grain, cements, etc. 674

38 Macque, Leopold, Brussels.—Grinding apparatus. 674

NETHERLANDS.

(Columns A to G, and 3 to 5.)

Agricultural, Animal, Vegetable Products.

Arboriculture and Forest Products.

1 Thÿssen, C. J. F.—Sieve frames. 600

2 Kleintjes, J., Rotterdam.—Plant 100 years old. 601

3 Hulskamp, F. A., Amsterdam.—Cork. 604

Agricultural Products.

4 Dutch Agricultural Society.—Agriculture, horticulture, arboriculture. 620

5 Agricultural Association (collective exhibit), Gelders.—Agricultural products. 620

6 Zeeland Association for Encouragement of Agriculture and Cattle-Breeding (collective exhibit), Middleburg.—Seeds, dye-woods, plants, and photographs of cattle. 620

7 Bouma, H. G., & J. G., Sneek.—Buckwheat. 620

8 Poel, Cz. P. vander, Brielle.—Wheat, barley, oats, cabbage, and seeds. 62

9 Post, C. G. van der, Gonda.—Cigars. 623

10 Bleckmann, A., & B. C., & Van der Pool, H., Arnhem.—Cigars. 623

11 Mignot, A. J., & de Block, A. A. M., Eindhoven.—Cigars. 623

12 Jagt, P. G. van der, & Francois, J.—Cigars. 623

13 Koppen, H. T., & Zoon, Leerdam.—Cigars. 623

Water Animals, Fish Culture and Apparatus.

14 Maas, A. E., Scheveningen.—Boats, nets, hooks, etc. 647

Animal and Vegetable Products.

15 Heil, L. W., Haarlem.—Edam cheese. 651

16 Goede, D., Alkmaar.—Cheese. 651

17 Vliet, A. van, Bergumbacht.—Cheese and butter. 651

18 Jong, M., & K., Hoorn.—Edam cheese. 651

19 Draisma van Valkenburg, S., Leeuwarden.—Lard, ivory, bone, horn, and glue. 652

20 Heijusbergen, P. van, Zaandam.—Purified medicinal liver-oil containing iron. 652

21 Draisma van Valkenburg, S., Leeuwarden.—Liver-oil containing iodine and iron. 652

22 Heijusbergen, P. van, Zaandam.—Liver-oil containing iron. 652

23 Klütgen, J. H., Rotterdam.—Bedfeathers. 653

24 Visser, J., Amersfoot.—Brown and white mead. 654

25 Surie Weduroc, J. W., & Zoon, & Co., Rotterdam.—Preserved eatables. 656

26 Heinwenhuijs, jr., J. H., & Co., Amsterdam.—Conserved eatables in tins, boxes, and bottles. 656

27 Van Rijn van Alkemade, Gravenhage.—Preparations of peas, sausages, flour, and drugs. 656

28 Hoogenstraaten, D. A. J., Leiden.—Vegetables and fruit in cans and boxes. 656

29 Wolff, M. M. Z., Amersfort.—Flour, ground and unground. 657

30 Schober, J. H. Wm., Utrecht.—Flour. 657

31 Van Marken, jr., J. C., Delft.—Oil, corn, and corn-cakes. 657

32 Grootes, Pz. M., Westzaan.—Cocoa, chocolate, and chocolatine. 658

33 Driessen, C. A., J. P., & H. T., Rotterdam.—Cocoa, chocolate and cocoa-butter. 658

Vegetable Products, Wines, Liquors.

- | | |
|---|--|
| <p>34 Haagen, R. C. van, Utrecht.—Cocoa, cocoa-butter, and chocolate. 658</p> <p>35 Egberts, B. H., Dalfsen.—Succory. 658</p> <p>36 Duijois, J., Koog-aan-de-Zaan.—Starch. 658</p> <p>37 Veenhoven, Schuringa, & Co., Wil-denaak.—Potato-flour. 658</p> <p>38 Sloet van Marxveld, G., Baron, Vol-lenhoven.—Syrup in bottles. 659</p> <p>39 Verweij, H., & Co., Tiel.—Sugar of grape and potato-meal. 659</p> <p>40 De Bary, M. J., Amsterdam.—Con-fectiionery and chocolate, in forms and moulds. 659</p> <p>41 Van Marken, jr., J. C., Delft.—Alco-hol. 660</p> <p>42 Pollen, L. P. M., Rotterdam.—Liq-uors. 660</p> <p>43 Schade van Westrum, J. C., Schie-dam.—Gin. 660</p> <p>44 Kiderlen, E., Delfshaven.—Alcohol and potash. 660</p> <p>45 Bal, J. J., Middelburg.—Red currant wine. 660</p> <p>46 Catz, S., Pikel.—Bitters and liq-uors. 660</p> <p>47 Groen, Gz. J. B., Amsterdam.—Bit-ters and wine. 660</p> <p>48 Stitte, Lz. G., Kampen.—Fine liq-uors and bitters. 660</p> <p>49 Holet, J. J. G., Schiedam.—Gin and spirits. 660</p> <p>50 Bootz, Erven Wed, F. A., Amster-dam.—Liquors. 660</p> <p>51 Blankenheijm, J. J. M., & Lede, C. A. E. van, Rotterdam.—Gin. 660</p> <p>52 Hoppe, P., Amsterdam.—Gin, liq-uors, and distillations. 660</p> <p>53 Bols, de Erven Lucas, Amsterdam.—Fine liquors. 660</p> | <p>54 Oostra, G. Wildervank, Groningen.—Liquor and elixir. 660</p> <p>55 Hofman, A. J. T., Woerden.—Liq-uors, bitters, extracts, and spirits. 660</p> <p>56 Wynand, Fockink, Amsterdam.—Fine liquors. 660</p> <p>57 Houtman, A., & Co., Schiedam.—Gin. 660</p> <p>58 Volk, J. van der, & Co., Delfshaven.—Gin made of grain double distilled. 660</p> <p>59 Zuilekom, van Levert, & Co., Am-sterdam.—Fine liquors, bitters, gin, brandy, etc. 660</p> <p>60 Meder, J. J., Schiedam.—Swan gin. 660</p> <p>61 Livert & Co., Amsterdam.—Liq-uors. 660</p> <p>62 Rademakers, A. C., Delfshaven.—Gin. 660</p> <p>63 Smits, F. H. M., Buda.—Strong beer. 660</p> <p>64 Van Dulken, Rotterdam.—Gin, brandy, and alcohol. 660</p> <p>65 Lensvelt, G., Gravenhage.—Table-biscuit, cake, ship-bread. 661</p> <p>66 Ulrich, W. D., Rotterdam.—Ship-biscuit. 661</p> <p>67 De Jough, Wz. D., Dordrecht.—Vegetable oils and seed cakes. 662</p> <p>68 Kruijsmulder, Cz. D., Amsterdam.—Vegetable oils. 662</p> <p>69 Dutch Association for Encourage-ment of Flax Industry, Rotterdam.—Flax and linseed. 666</p> <p>70 Gorter Brothers, Dokkum.—Flax. 666</p> <p>71 Van Casteel, A. F., Rotterdam.—Holland, Freeland, and Iceland flax. 666</p> <p>72 Mulder, L., Arnhem.—Period-icals. 680</p> |
|---|--|

SWEDEN.

Forest and Agricultural Products.

Agriculture, Arboriculture, and For-est Products.

- 1 Wikström, J. A., for the Nêw Gelli-vara co. (limited), Lulea.—Fir timber grown at the latitude of 67° N.; speci-mens of lumber. 600
- 2 Kalmar Southern Agricultural So-ciety, Kalmar.—Products of sylvicu-ture. 606

Agricultural Products.

- 3 Fogelmark, Sixten, Afva, Lulea.—Cereals. 620
- 4 Gotlands Agricultural Society, Wis-by.—Cereals. 620

- 5 Hofmeister, Ch., Ingelstad, Svens-torp.—Cereals. 620

- 6 Hultenberg, C. A., Borgholm.—Ce-reals. 620

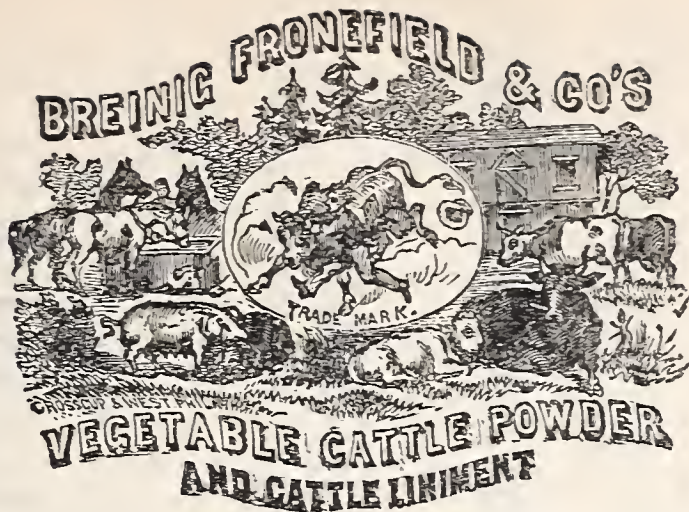
- 7 Kalmar Agricultural Society, Wes-tervik.—Cereals. 620

- 8 Kalmar Southern Agricultural So-ciety, Kalmar.—Cereals and other agri-cultural products. 620

- 9 Malmöhus Agricultural Society, Malmö.—Cereals, grass-seeds, and forage-plants. 620

- 10 Platen, Carl von, Count, Arbyhus.—Cereals and seeds of forage-plants. 620

First introduced to
the public, and label,
etc., copyrighted, in
1850.



Sales in the past year
over **FIVE TONS** per
Month, in packages of
12 ounces each.

THIS TRULY POPULAR AND CELEBRATED CATTLE POWDER

Is recommended to the FARMER, HORSEMAN, OR DAIRYMAN as a most reliable cure for all the ordinary diseases to which Horses, Cattle, Hogs, or Sheep are subject, keeping them in a healthy and thrifty condition. It is a Vegetable Compound, made up almost entirely of Roots, Herbs, and Barks, and therefore free from all mineral substances, which do an animal decided injury.

In the Horse it will cure Coughs, Distemper, Farcy, Fevers, Gripes, and Colic Inflammation, Hide Bound, Glanders, Staggers, Kidney Disease, Lung Disease, Scours, Loss of Appetite, etc., all depending more or less on a bad state of the blood.

In the Cow it will cure Jaundice or Yellowws, Bloody Urine, Bloody Milk, Hollow Horn or Wolf Disease, Garget, etc.

In Hogs it shows its good effects sooner than in any other animal. It keeps them clear of disease, particularly when congregated together in distilleries.

More especially, the **VEGETABLE CATTLE POWDER** claims what no other Horse or Cattle Powder dare claim, viz.; It will, by its chemical qualities, enable a Cow, upon the same amount of food, to yield an increase of Milk and Butter, the latter in quantity of from one to two pounds per week, or it will aid the fattening of stock in general, to the amount of from 20 to 25 per cent. It is a sure cure for Chicken Cholera or Gapes.

The Powder comes in large packs, at 25 cents, or five packs for a dollar.

FRED. A. MILLER, Sole Manufacturer, 147 N. Third St., Philadelphia, Pa.

Wholesale Agents appointed on especial terms in all large cities. Retailers make large profits.

1876.

ASK FOR OUR BEST BELTING PRICE-LIST

OF THE

New York Belting and Packing Co.,

The Oldest and Largest Manufacturers in the United States of

VULCANIZED RUBBER FABRICS, adapted to **MECHANICAL PURPOSES**.

D. P. DIETERICH, Agent,

No. 308 Chestnut Street, Philadelphia.

THE HARDMAN PIANO

IS THE

PIANO OF PROGRESS!

If you wish to know what progress America has made in
PIANO FORTE MANUFACTURING, in

Tone, Action, Elegant Design, Artistic Workmanship, etc.,

Look at the exhibition made by

H. HARDMAN,

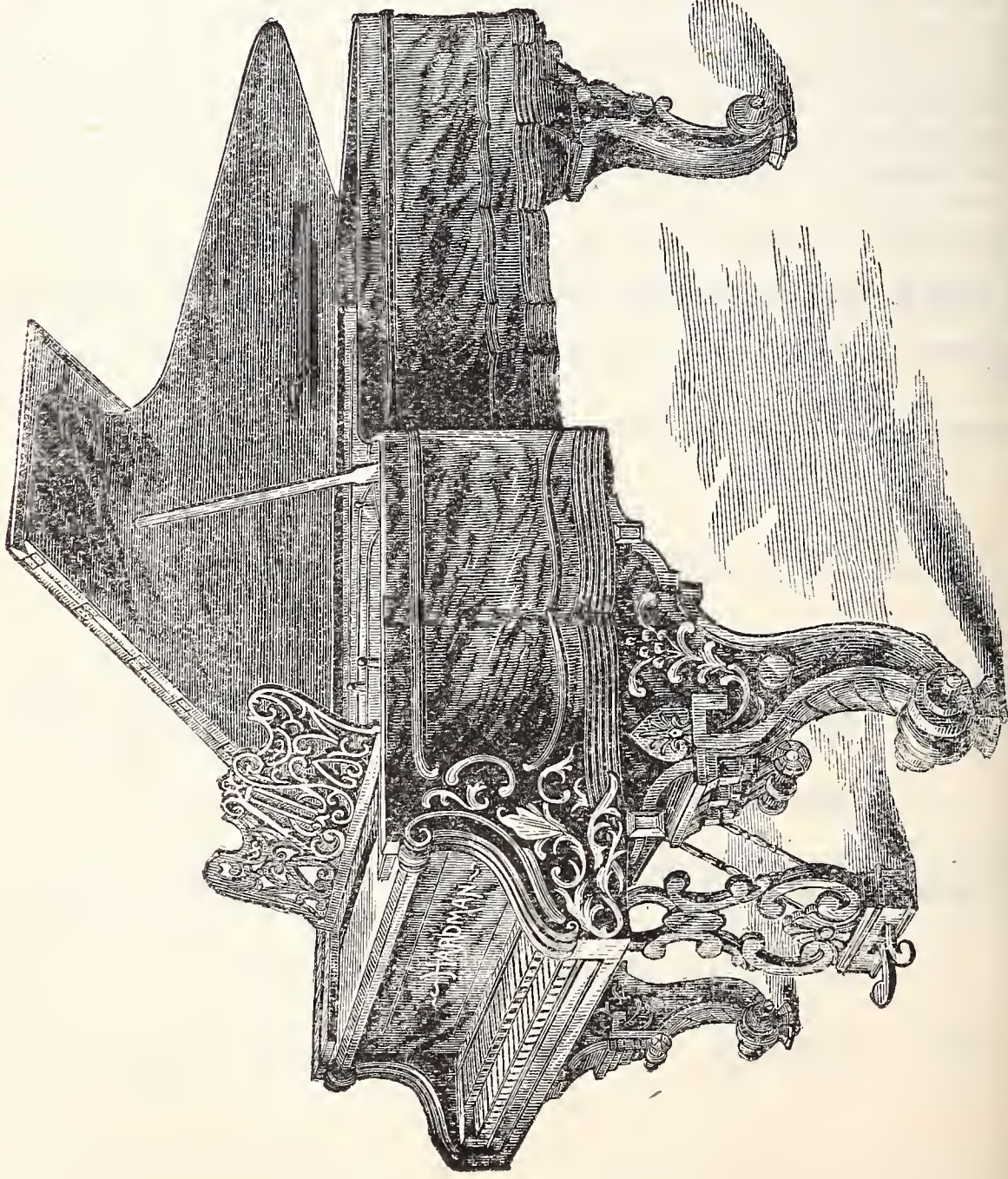
MAIN EXHIBITION BUILDING.

If you wish to know how America produces such noble instruments, it will pay to make a visit to the best appointed Piano Manufactory in the world, that of

H. HARDMAN,

**Nos. 490, 492, 494, 496, 498 West 57th Street,
Nos. 858, 860, 862, 864, 866, 868, 870 Tenth Ave,**

NEW YORK CITY.



Agricultural and Animal Products, Fish, Plows.

- 11 Rosencrantz, H., Gärsnäs, Hammenhög.—Cereals. 620
- 12 Von Scheele, G., Kilanda, Göteborg.—Cereals and grass-seeds. 620
- 13 Skaraborgs Agricultural Society, Lidköping.—Agricultural products. 620
- 14 Stenström, O. E., Gärdsjö, Karlstad.—Agricultural products. 620
- 15 Upsala Agricultural Society, Upsala.—Cereals. 620
- 16 Westerbottens Agricultural Society, Umeå.—Agricultural products. 620
- 17 Westmanlands Agricultural Society, Stenby, Strömsholm.—Agricultural products. 620
- 18 Wikström, J. A., for the New Gellivara Co. (limited), Luleå.—Agricultural products. 620
- 19 Örebro Agricultural Society, Örebro, Nora.—Cereals. 620
- 20 Malmöhus Agricultural Society, Malmö.—Seeds of leguminous and other plants. 621
- 21 Bergren, D., & J., Stockholm.—Tobacco. 623
- 22 Dahl, P., Carlshamn.—Tobacco. 623
- 23 Hennig & Papenhagens, Chicory Manufacturing Co., Kalmar.—Raw materials and products. 623
- 24 Kockums, F. H., Tobacco Manufacturing Co., Malmö.—Tobacco. 623
- 25 Lundgren, P. W., Stockholm.—Mustard. 623
- 41 Johannesson, C. S., Stockholm.—Leather. 652
- 42 Nevelius, C. J., Stockholm.—Kid-skin. 652
- 43 Nissen, C., Göteborg.—Confections and preserved fruits. 656
- 44 Frommel, C. J., Göteborg.—Confections and preserved fruits. 656
- 45 Wikström, N., Stockholm.—Preserved vegetables. 656
- 46 Landskrona French Flouring Mills, Landskrona.—Flour and cereals. 657
- 47 Von Scheele, G., Kilanda, Göteborg.—Flour and other products of grinding. 657
- 48 Ystads French Flouring Mills, Ystad.—Flour and other products of grinding. 657
- 49 Bock, Ch. A., Klippan, Äby.—Starch prepared for manufacturing paper. 658
- 50 Lundgren, P. W., Stockholm.—Grape-sugar, sago-grit. 659
- 51 Skanska Sugar Refining Co, Landskrona.—Beet-sugar. 659
- 52 Berg, C. G., Carlshamn.—Punch. 660
- 53 Von Bergen, J. N., & Son, Carlshamn.—Punch. 660
- 54 Broddelius & Akerman, Göteborg.—Punch. 660
- 55 Cederlunds, J., Söner, Stockholm.—Punch. 660
- 56 Creutz, A., Gripsholm, Marifred.—Punch. 660
- 57 Dahlheim & Engström, Stockholm.—Punch. 660
- 58 Hagendahl, C. A., Örebro.—Whisky prepared from reindeer-moss and the raw materials. 660
- 59 Högstedt & Co., Stockholm.—Punch. 660
- 60 Lindh, A., Landskrona.—Ale. 660
- 61 Lundgren, P. W., Stockholm.—Vinegar. 660
- 62 Pettersson, Otto, Stockholm.—Punch. 660
- 63 Platin, C. G., & Co., Göteborg.—Punch and liquors. 660
- 64 Thalin, Waldemar, Nyköping.—Punch. 660
- 65 Wallis, A. B., Dybeck, Skurup.—Ale. 661
- 66 Teith, H. J., & Söner, Upsala.—Biscuits. 661
- 67 Kong, C., Royal Centennial Commission, Stockholm.—Dried bread. 661
- 26 Kong, C., Royal Centennial Commission.—Fishes living in the Swedish waters. 641
- 27 Amundson, C. M., Uddevalla.—Oyster anchovy. 642
- 28 Andersson, Gustaf, Tjellbacka.—Anchovy and sardines. 642
- 29 Bergström, H. C., Lysekil.—Anchovy and herrings. 642
- 30 Ericson, N. O., Lysekil.—Anchovy and herrings. 642
- 31 Hallgren, J. J., Gullholmen, Örust.—Anchovy. 642
- 32 Royal Centennial Commission.
 - a Pickled fish. 642
 - b Instruments and apparatus for fishing. 647
- 33 Lundgren, P. W., Stockholm.—Preserved fish. 642
- 34 Lysell, Aug., Lysekil.—Anchovy. 642
- 35 Nillson, Edv., Grebbestad.—Preserved mackerel. 642
- 36 Leidesdorffska Fishing Apparatus Manufactory, Stockholm.—Instruments and apparatus of fishing. 647
- 37 Mälareprovinsernas Dairy Co., Stockholm.—Canned butter. 651
- 38 Wästfelt, Carl C., jr., Kölingsholm, Mullsjö.—Rennet. 651
- 39 Bock, Ch. A., Klippan, Äby.—Glue prepared for manufacturing paper. 652
- 40 Ericsson, Anders, Stockholm.—Kid-skin. 652
- Textile Substances of Vegetable or Animal Origin.
- 68 Ekman, C. D., Bergvik.—Flax rotted by chemicals. 666
- Machines, Implements, and Processes of Manufacture.
- 69 Eklundh, L. P., Hjelmafors, Ulricehamn.—Plows. 670
- 70 Göteborgs Machine Co., Göteborg.—Plows. 670
- 71 Palmcrantz, Helge, Stockholm.—Mower. 672

Agricultural Appliances.

- | | |
|--|---|
| <p>72 Petterson, C. E., Langö Works, Elf-dalen, Mora.—Scythes. 672</p> <p>73 Andersson, J., Kjärdingagärde, Gnösjö.—Cow-bells and sheep-bells. 675</p> <p>74 Atterling, C., Orebro.—Dairy apparatus. 675</p> <p>75 Kockum, F. H., Malmö, för Kallinge Works, Ronneby.—Dairy utensils of iron and steel. 675</p> <p>76 Rehnström, W., Tibble, Köping.—Drawing of dairy-houses and utensils. 675</p> <p>77 Schagelin, G. E., Södertelje.—Dairy utensils. 675</p> <p>Agricultural Engineering and Administration.</p> <p>78 Fertilitas Stock Co. Göteborg.—Commercial fertilizers. 681</p> | <p>79 Friestedt, A. W., Stockholm.—Commercial fertilizers. 681</p> <p>80 Detou, de, Dr., Stockholm.—Artificial manures prepared in Sweden, and their raw materials. 681</p> <p>81 Superphosphate Manufacturing Co., Stockholm.—Fertilizing preparations and their raw materials. 681</p> <p>82 Vedelin, F., & Co., Göteborg.—Commercial fertilizers. 681</p> <p>83 Alnarps Agricultural Institute, Akarp.—Drawings of farm-houses. 683</p> <p>84 Löfvenskiöld, Ch. Em., Bergatorp, Mariestad.—Drawings of farm-houses. 683</p> <p>85 Wulff, H. A., Applerum, Kalmar.—Drawings of farm-houses. 683</p> |
|--|---|

NORWAY.

(West of Avenue F, Columns E 7 to F 9.)

Forest and Agricultural Products, Fish.

Arboriculture and Forest Products.

- 1 Drammen Steam Planing Mills, Drammen.—Grooved and tongued flooring boards and mouldings. 600
- 2 Holst, Chr., Ladegaardsøen, Christiania.—Samples of Norwegian wood. 600
- 3 Fabritius, H., Ullensaker.
 - a Models of tents and houses, made of chip. (See Department III, Main Building.) 342
 - b Models of umbrellas and parasols made of chip. (See Department II, Main Building.) 254
- 4 Holmen's Sawing and Planing Mills, Drammen.—Grooved and tongued flooring boards and mouldings. 600
- 5 Koldfossen's Bobbin Works, near Bergen.—Blocks and bobbins of birch and alder, condenser props, etc. 600
- 6 Thams & Co., M., Orkedal.—Trunks of trees, planks, battens, staves, cornices, cases, etc. 600

Agricultural Products.

- 7 Schirod, Chr., Aker.—Wheat, rye, corn, and barley. 620
- 8 Holst, Chr., Ladegaardsøen, Christiania.—Cereals in ear and seeds. 620
- 9 Langaard, Conrad, Christiania.—Cigars, smoking and chewing tobacco. 623
- 10 Rus, A., Christiania.—Smoking Tobacco. 623
- 11 With, Johs. N., Christiania.—Cigars, smoking and chewing tobacco. 623

Land Animals.

- 12 Holst, Chr., Ladegaardsøen, Christiania.—Photographs of Telmark cows and description of the race. 31

Marine Animals, Fish Culture and Apparatus.

- 13 Museum of Bergen, Bergen.
 - a Mammals 640
 - b Fishes. 641
 - c Crustaceans. 643
 - d Mollusks, oysters, etc., stuffed and in alcohol. 644
- 14 Haar & Wesnæs, Stavanger.—Preserved herrings, anchovies, etc. 642
- 15 Bergens Rögeri, Bergen.—Red herrings. 642
- 16 Board of Commerce, Bergen.
 - a Herrings, cods, lings, saithes, tusks, haddocks, etc., pickled and dried. 642
 - b Fish-oil, fish-roes. 646
- 17 Board of Commerce, Alesund.
 - a Dried and salted fish. 642
 - b Collection of fishing tackle. 647
- 18 Hjul & Platou, Christiania.—Anchovies. 642
- 19 Johnsen, Chr., Christiansund.—Salted and dried cod. 642
- 20 Meyer, Gerdt., Bergen.—White herrings. 642
- 21 Mohn, Peter, Bergen.—White herrings. 642
- 22 Nordrock, Wm., Christiania.—Anchovies. 642
- 23 Tellefsen, Mrs. Rina, Christiania.—Anchovies. 642
- 24 Smith, Mrs. Gina, Christiania.—Anchovies. 642
- 25 Soyland, L. B., Flekkefjord.—Preserved fish. 642
- 26 Dons, Henrik, Christiania.—Fish and anchovies. 642

Animal and Vegetable Products, Agricultural Implements.

- 27 Helgesen, H. A., Aalesund.—Preserved salmon, lobsters, etc. 642
- 28 Foyen, Sven., Tönsberg.—Whale oil, stearine. (*See Department II, Main Building.*) 201
- 29 Hjorth, Fr., Fredrikstad.—Anchovies. 642
- 30 Lund, Georg, Christiania.—Anchovies. 642
- 31 Eriksen, Erik, Christiania.—Anchovies. 642
- 32 Just, C. C., Christiania.—Anchovies. 642
- 33 Bordewich & Co., Lyngvær.—Fishmeal, fish-glue, caviar, fish-oil. 646
- 34 Dahl, Jens. O., Havöen.—Cod and herring nets, cod-lines. 647
- 35 Erichsen, Thomas, Bergen.—Fish-hooks. 647
- 36 Fagerheim Net Company, Bergen.—Salmon and herring seines, cod, mackerel, and herring nets. 647
- 37 Kraasby Brothers, Aalesund.—Bait for cod-lines. 647
- 38 Falck, Ytter, Christiania.—Norwegian fishing sled with implements. 647
- 39 Bergen Glass Works, Bergen.—Buoys and floats for fishing nets and lines. 647

Animal and Vegetable Products.

- 40 Rosing's, A., widow, Christiania.
a Condensed milk. 651
b Crackers of fishmeal. 661
- 41 Lund, Georg, Christiania.—Preserved old cheese. 651
- 42 Klem, Hansen, & Co., Trondhjem.—Leather. 652
- 43 Meyer, Samuel B., Bergen.—Leather. 652
- 44 Hallen, J. P., Christiania.—Leather. 652
- 45 Fossen's Tannery, Flekkefjord.—Leather. 652
- 46 Dalen's Tannery, Flekkefjord.—Leather. 652
- 47 Thorne, Chr. Aug., Moss.—Anchovies. 652
- 48 Haar & Wesnaes, Stavanger.—Preserved meats, etc. 656
- 49 Helgesen, H. A., Aalesund.—Preserved meats, etc. 656
- 50 Stavanger Preserving Company, Stavanger.—Preserved meats, beef, fowls, fish, milk, cream, etc. 656
- 51 Dons, Henrik, Christiania.—Preserved meats, game, poultry, soups. 656

- 52 Tellefsen, Mrs. Rina, Christiania.—Preserved game. 656
- 53 Norwegian Condensed Milk Company, Christiania.—Condensed milk. 656
- 54 Thorne, Chr. Aug., Moss.—Preserved meat and vegetables. 656
- 55 Norwegian Preserving Co., Mandal.—Preserved meats and vegetables. 656
- 56 Christiania Brewery, Christiania.—Pale ale. 660
- 57 Dahl, E. C., Trondhjem.—Pale ale. 660
- 58 Forseth & Co., O. N., Christiania.—Pale ale. 660
- 59 Frydenlund Brewery, Christiania.—Pale ale. 660
- 60 Hamar Brewery, Hamar.—Pale ale. 660
- 61 Kongsberg Brewery, Kongsberg.—Pale ale. 660
- 62 Lundetangen's Brewery, Skien.—Pale ale. 660
- 63 Lysholm, Jorgen B., Trondhjem.—Norwegian brandy and punch. 660
- 64 Poulsen & Co., H., Christiania.—Arrac punch. 660
- 65 Ruud, J. A., Christiania.—Pale Ale from Moss brewery, Norwegian corn brandy. 660
- 66 Aass, P. L., Drammen.—Beer. 660
- 67 Brodersen, N., Drammen.—Norwegian cordials. 660
- 68 Wriedt, Chr., Drammen.—Beer. 660
- 69 Tandberg, Frants, Drammen.—Norwegian cordials. 660
- 70 Salicath, Oscar, Christiania.—Drops and punch. 662
- 71 Anisdahl, R. O., Skien.—Drops and peppermint. 662

Machines, Implements, and Processes of Manufacture.

- 72 Cathrineholm's Foundry, Fredrickshald.—Agricultural implements. 670
- 73 Rosing, Ulrik, Christiania.—Mask for killing cattle. 674

Agricultural Engineering and Administration.

- 74 Norwegian Fish Guano Company, Christiania.—Fish guano. 681
- 75 Bordewich & Co., Lyngvær.—Fish guano. 681
- 76 Foyen, Sven., Tönsberg.—Fish guano. 681
- 77 Holst, Chr., Ladegaardsöen, Christiania.—Norwegian artificial manure. 681

ITALY.

Fruits, Agricultural, Animal, Vegetable Products.

Arboriculture and Forest Products.

- 1 Favare, Marquis Della, Palermo.—
Sumac leaves. 602
- 2 Romano, Gaetano, Palermo.—Su-
mac. 602
- 3 Cernigliano, Vizzi Carmelo, Trapani.
—Sumac leaves. 602
- 4 Castorina & Parlato, Catania.—Su-
mac. 602
- 5 Scala, Baron Sciacca della, Palermo.
—Sumac. 602
- 6 Aula, Domenico, & Co., Trapani.—
Sumac. 602
- 7 Special Committee of Salerno, Sa-
lerno.—Manna. 603
- 8 Chamber of Commerce and Arts, of
Bari.—Sweet almonds, mustard seed. 605
- 9 Parlato, Luigi, Syracuse, Sicily.—
Almonds. 605
- 10 Niceforo, Nicola, Catania.—Hazel
nuts. 605
- 11 Elia, Antonino, & Sons, Catania.—
Pistachio almonds, flax seed, hazel nuts,
mustard seed. 605
- 12 Agricultural Committee of Palermo.
—Collection of seeds. 605
- 13 Mazzullo, Cav. Luigi, Messina.—
Dried nuts. 605
- 14 Council of Polizzi, Generosa, Paler-
mo.—Avellane nuts. 605

Pomology.

- 15 Rossi, Cav. Cesard Leopardi, Comi-
so, Syracuse.—Olives. 611
- 16 Crispo, Monceada Carlo, Catania.—
Lemons, oranges. 611
- 17 Chamber of Commerce and Arts, of
Bari.—Olives. 611
- 18 Lanzara, Raffaele, Salerno.—Lem-
ons, oranges. 611

Agricultural Products.

- 19 Ciaccio, F. Paul, Palermo.—Various
grains. 620
- 20 Agrarian Colony of S. Martino, Pa-
lermo.—Grains. 620
- 21 Grande Latino, Baron Corrado, &
Bros., Avola, Palermo.—Grain prod-
ucts. 620
- 22 Porcari, Baron Angiolo, Palermo.—
Grain products. 620
- 23 Fornaja, Vincenzo, Cologna Veneta,
Verona.—Various cereals. 620
- 24 Ferrarini Bros. & Co., Formigine,
Modena.—Rice. 620
- 25 Malinverni, Secondo, Vercelli, No-
vara.—Rice. 620
- 26 Scocchiolini, Adone, Rome.—Mus-
tard. 623

Water Animals, Fish Culture and Apparatus.

- 27 Avellino, Antonio, Leghorn.—Sar-
dines in oil. 642
- 28 Stiassi, Filippo, Bologna.—Eels. 642

Animal and Vegetable Products.

- 29 Agrarian Committee of Chiavari.
a Cheese. 651
b Fruits. 656
c Wine and vinegar. 660
- 30 Guscetti, E., Milan.
a Parmesan and Gorgonzola cheese. 651
b Sausages. 656
- 31 Baldini, Agostino, & Co., Pescia,
Lucca.—Sole leather. 652
- 32 Aste, D. Stefano, Public Slaughter
House, Florence.—Albumen. 652
- 33 Casarino, Mariellus, St. Gottard,
Genoa.—Leather. 652
- 34 Fornari, Antonio J. Batta, Fabriano,
Ancona.—Leather. 652
- 35 Mercurelli, Pietro, Fabriano, An-
cona.—Sole and colored leather. 652
- 36 Baluffi, Nicola, & Co., Ancona.—
Dressed hides, leather for saddlery. 652
- 37 Varale, Antonio, Biella, Turin.—
Dressed hides. 652
- 38 Banfi, Giuseppe Flavio, Milan.—
Glue. 652
- 39 Fibbi, Raffaele, Fabriano, Ancona.
—Glue and size. 652
- 40 Fino, Luigi, & Co., Turin.—Albu-
men. 653
- 41 Tramontani, D., Bologna.—Hon-
ey. 654
- 42 Brolo, Duke Federigo Laucia di,
Palermo.—Honey of orange flower. 654
- 43 Scala, Baron Sciacca della, Palermo.
—Honey and wax. 654
- 44 Morandi, Pietro, Milan.
a Wax. 654
b Liquors. 660
- 45 Reali, Giuseppe & Gavazzi, Ercole,
Venice.—Wax. 654
- 46 Bartolucci-Godolini Brothers,
Rome.—Honey. 654
- 47 Acclimatization and Agricultural
Society of Palermo.
a Honey. 654
b Fruits in alcohol. 656
- 48 Giannelli, Raffaello, Sienna.
a Honey. 654
b Juniper berries. 656
- 49 Massardo, Nicolo, Sampierdarena,
Genoa.—Preserves. 656
- 50 Figasner, Enrico, Milan.—Dried
meat. 656

PURE IRISH LINENS.

ESTABLISHED 1830.

YORK STREET

Flax Spinning Co., Limited,

BELFAST, IRELAND,

Flax Spinners, Power-Loom Weavers,

BLEACHERS, AND MERCHANTS,

MANUFACTURERS OF

DRESS LINENS,

CLOTHING GOODS, AND HOUSEHOLD LINENS.

MANUFACTURES.

DRESS LINENS.

Irish Linen Brocade,
Natural Dress Linen,

Viennese Dress Linen,
Grenadines,
Printed Lawns.

CLOTHING.

Brown Diagonal Drills, *Plain*,
Brown Diagonal Drills, *Fancy Stripe*,
Brown Diagonal Tweeds,
Bleached Drills and Ducks,
Brown Ducks and Duck Coatings,
Canvas and French Elastic Ducks,
Pale Hollands,
Blay Linens.

HOUSEHOLD.

Light Shirting Linen,
Light Fronting Linen,
Super Fronting Linen,
Medium Family Linens,
Heavy Family Linens,
Sheetings,
Interlinings,
Drawer Linens.

BRANCHES AND AGENCIES.

NEW YORK,	...	...	164 Church Street.
NEW ORLEANS,	...	...	Messrs. Anderson & Simpson.
PARIS,	...	...	38 Rue des Jeuneurs.
LONDON,	...	...	2 Russia Row, Milk Street.
MANCHESTER,	...	...	12 Piccadilly.

JOHN DEWHURST & SONS,

Cotton Spinners,

AND MANUFACTURERS OF

SEWING COTTON,

Remarkable for its strength, pliability, evenness, and freedom from knots. It meets all the requirements of the different kinds of Sewing Machines, and is equally suitable for hand use.

John Dewhurst & Sons,

BELLE-VUE MILLS,

SKIPTON, YORKSHIRE,

COTTON SPINNERS FROM A. D. 1794.

SEWING COTTON MANUFACTURERS FROM A. D. 1870.

AGENTS IN THE UNITED STATES:

Messrs. WILSON & MERRILL, BOSTON.

Animal and Vegetable Products, Wines.

- 51 Troia, Alfri, Syracuse.—Paste for soup. 656
- 52 Contessini, Gerini & Co., Leghorn.—Candied fruits. 656
- 53 Curry, Giacomo, Leghorn.—Preserves. 656
- 54 Bougleuse Bros. & Co., Leghorn.—Paste for soup. 656
- 55 Klein, Enrico, Leghorn.—Candied fruits. 656
- 56 Samoggia, Gaet. & Brothers, Bologna.—Bologna sausages and salted meats. 656
- 57 Lanzarini Brothers, Bologna.—Sausages and salted meats. 656
- 58 Colombini, Ullisse, Bologna.—Sausages and salted meat. 656
- 59 Serrazanetti, Giovanni Anzola, Bologna.—Tomato sauce and preserved tomatoes. 656
- 60 Nenzioni Brothers, Bologna.—Preserved tomatoes. 656
- 61 Zappoli Brothers, Bologna.—Bologna sausages and salted meats. 656
- 62 Grillini, Nanni & Co., Bologna.—Sausages and salted meats. 656
- 63 Zanetti, Guido, Bologna.—Sausages and salted meats. 656
- 64 Bordoni, Natale & Co., Bologna.—Sausages and salted meats. 656
- 65 Bassi, Medando, & Ugo Brothers, Bologna.—Sausages and salted meats. 656
- 66 Tacconi, Paolo, Bologna.—Sausages and salted meats. 656
- 67 Orsi, Raphael, Bologna.—Sausages and salted meats. 656
- 68 Frigieri, Giuseppe, Modena.—Hams, bologna sausages, etc. 656
- 69 Bellantani, Giuseppe, Modena.—Bologna sausages and salted meats. 656
- 70 Zironi, Giovanni, Fiorano, Modenese.—Salted meats. 656
- 71 Forni, Alessandro, Bologna.—Sausages and salted meats. 656
- 72 Molinari Brothers, Modena.—Bologna sausages. 656
- 73 Special Committee of Salerno.—Paste for soup. 656
- 74 Napoli, Francesco, Salerno.—Preserved tomatoes. 656
- 75 Peracchi, Enrico, Parma.—Tomato sauce. 656
- 76 Domenici, Annibale, Pontasserchio, Pisa.—Pork, meat, and bologna. 656
- 77 Frosini, Edoardo, & Brother, Pontasana, Pisa.—Paste for soup. 656
- 78 Gentili, Ferdinando, Pontasserchio, Pisa.—Paste for soup. 656
- 79 Carulli, David, Cremona.—Bologna and salted meats. 656
- 80 Castino, G. B., & E. Scotto, Turin.—Paste for soup. 656
- 81 Stiassi, Filippo, Bologna.—Mortadelle and other bologna sausages, eels. 656
- 82 Pinardi, Pietro, Gottolengo, Brescia.—Mustard and preserves. 656
- 83 Gardenghi, Enrico, Modena.—Sausages, meats, zamponi. 656
- 84 Greco, Marco, Bologna.—Liquors. 656
- 85 Tosi, Bellucci, Giacomo, Modena.—Preserves. 656
- 86 Luca, de, Francesco, Termini, Palermo.—Paste for soup. 656
- 87 Russo, Biagio, Termini, Palermo.—Paste for soup. 656
- 88 Cammarato, Carmelo, Palermo.—Paste for soup. 656
- 89 Bruno, Giuseppe, Palermo.—Preserves. 656
- 90 Verdone & Patera, Palermo.—Sauces and conserves. 656
- 91 Merlo, Vincenzo, Baron, Palermo.—Dried figs. 656
- 92 Sciacca della Scala, Baron, Palermo.—Dried figs. 656
- 93 Guli, Salvatore, Cav., Palermo.—Candied fruits. 656
- 94 Ferrari, Sebastiano, Rome.—Paste for soup. 656
- 95 Palazzo, Duke del, Catania.—Paste for soup. 656
- 96 Amato Brothers, Catania.—Candied fruits. 656
- 97 Caliri, Salvatore, Messina.
a Candied fruits. 656
b Liquors. 660
- 98 Botti, Alessandro, Chiavari, Genoa.
a Dried fruits. 656
b Wine. 660
- 99 Bornia Brothers, Treviso.
a Pickles. 656
b Vinegar. 660
- 100 Guglielmini, Andrea, Salerno.
a Dried fruits. 656
b Wine. 660
- 101 Rinaldo, Raffaele, Salerno.
a Dried fruit. 656
b Wine. 660
- 102 Agosti Brothers, Bagnoria, Rome.
a Dried prunes. 656
b Vermouth, wines, liquors. 660
- 103 Viscardi, Geremia, Bologna.
a Preserved fruits. 656
b Small biscuits. 661
- 104 Chamber of Commerce and Arts, Bari.
a Dried figs. 656
b Wine. 660
c Chocolate. 661
- 105 Simone, Raffaele, de Torre Annunziata, Naples.—Best flour paste. 657
- 106 Lazzaro, Salvatore, Messina.—Liquors. 660
- 107 Marzi Brothers, Poggibonsi, Siena.—Wines. 660
- 108 Castiglioni, Domenico, Parma.—Wines. 660
- 109 Calegari, Giuseppe, Piacenza.—Wines and liquors. 660
- 110 Ghizzoni, Luigi, Piacenza.—Liquors. 660
- 111 Clerici, Costantino, Milan.—Vermouth. 660
- 112 Torelli, Lenaf Luigi, Count, Milan.—Wines. 660
- 113 Italian Enological Committee, Turin.—Wines and vermouth. 660

Wines and Liquors.

- | | |
|--|--|
| 114 Ricci, Emiliano, Sienna.—Liquors. 660 | 149 Paterno, Castello di Bisiari Giuseppe, Catania.—Wine. 660 |
| 115 Torricelli, Andrea, Florence.—Various liquors. 660 | 150 Contarella, Franco, Baron, Catania.—Wine. 660 |
| 116 Minutillo, Giovanni, Palermo.—Liquors. 660 | 151 Romeo, Michele, Catania.—Wine. 660 |
| 117 Guli, Salvatore Luigi di, Palermo.—Wines. 660 | 152 Rossi, Tedeschi Francesco, Catania.—Wine. 660 |
| 118 Giacone, Pietro, Palermo.—Marsala wines. 660 | 153 Mannino, Francesco, Baron, Catania.—Wine. 660 |
| 119 Martillaro, Mar. Carlo, Palermo.—Wines. 660 | 154 Crispo, Moncada Carlo, Catania.—Wine. 660 |
| 120 Catanzaro, Giuseppe, Termini, Palermo.—Wines. 660 | 155 Grasso, Carmelo, Catania.—Liquors. 660 |
| 121 Florio, Ignazio, & Vincenzo, Palermo.—Marsala wines. 660 | 156 Carpanetti, Luciano, Bologna.—Liquors. 660 |
| 122 De Nava, Giuseppe di P., Reggio, Calabria.—Wines. 660 | 157 Paci, Cesare, Florence.—Wine. 660 |
| 123 Gabaldoni, Andrea Carlo, Varese Ligure, Sestri Levante.—Wines. 660 | 158 Liccioli, Filippo, Florence.—Wine. 660 |
| 124 Enological Society of Scandiano.—Wine. 660 | 159 Agrarian Committee for Thirty Exhibitors, Florence.—Wine. 660 |
| 125 Malatesti, Augusto, Modena.—Wine. 660 | 160 Ottaviani Brothers, Messina.—Wines. 660 |
| 126 Enological Society of Savigliano.—Wine. 660 | 161 Salvo, Salvatore di, Giarre Moscati, Messina.—Wines. 660 |
| 127 Buton, G. & Co., Bologna.—Liquors. 660 | 162 Salvo, Salvatore de, Messina.—Wines. 660 |
| 128 Rossi, Leopardi Cav. Cesard, Comiso, Syracuse.—Wine. 660 | 163 Pasali, Gaetano, Fermo and Cottignano, Ascoli Piceno.—Liquors. 660 |
| 129 Maltese, Felice, Mayor of Vittorio Scoglietti, Sicily.—Wines. 660 | 164 Solinas, Arras Giuseppe, Sassari.—Wines. 660 |
| 130 Greco-Cassia, Cav. Luigi, Syracuse.—Wine. 660 | 165 Giacobini, Coriolano, Fano, Pesaro.—Liquors. 660 |
| 131 Vitale, Tommaso, Palermo.—Nespole liquor. 660 | 166 Leno, de Coronei, Nicolo, S. Demetrio, Corone, Calabria Citra.—Wine. 660 |
| 132 Albiate, Edward, Duke, Palermo.—Casks of duca. 660 | 167 Agostini, Della Seta, Count Alfredo, Pisa.—Wine. 660 |
| 133 Zeni, Niccolo, Ferrara, Rosolio.—Cordial made from cocoa. 660 | 168 Lullato, G. Batta, Como.—Liquors. 660 |
| 134 Caretti Brothers, Rome.—Vermouth and liquors. 660 | 169 Bonei Cassuccini Ottavio, Sienna.—Wine. 660 |
| 135 Strutt, Arthur I., Rome.—Wine. 660 | 170 Zigliani, Cammillo, Bergamo.—Vinegar and essence of vinegar. 660 |
| 136 Bisco, Luigi & Co., Brescia.—Liquors. 660 | 171 Magnaghi, Girolamo, Alexandria.—Vermouth. 660 |
| 137 Tarussi, Luigi & Brothers, Leghorn.—Vermouth, wine. 660 | 172 Rossi, Vittorio, Asti, Alexandria.—Vermouth. 660 |
| 138 Vitiello & Torrese, Torre del Greco, Naples.—Wines. 660 | 173 Berteau, Stefano, Alexandria.—Elixirs, wines, liquors. 660 |
| 139 Anselmi & Marassi, Naples.—Alcohol. 660 | 174 Borelli, Luigi, Asti, Alexandria.—Eau-de-vie. 660 |
| 140 Del Bono, Enrico, Syracuse.—Wine. 660 | 175 Metrger Brothers, Asti, Alexandria.—Beer. 660 |
| 141 Giordano, Gio. Batta, Vittorio, Sicily.—Wine. 660 | 176 Boschiero, Cav. Giovanni, Asti, Alexandria.—Wines. 660 |
| 142 Terranova Commillesi, G. B., Vittorio, Sicily.—Wine. 660 | 177 Mossone, Antonio, Andorne, Turin.—Liquors. 660 |
| 143 Maltese, Allessandrello, Vittorio, Sicily.—Wine. 660 | 178 Martini, Sola, & Co., Turin.—Vermouth. 660 |
| 144 Targia, Arezzo della, Syracuse.—Liquors, curacoa. 660 | 179 Genta, Giovanni, Turin.—Vermouth. 660 |
| 145 Mezio, Calcedonio, Syracuse.—Wine. 660 | 180 Poglione, widow, & Sons, Brà, Cuneo.—Wine. 660 |
| 146 Scuderi, Giuseppe, Catania.—Wine. 660 | 181 Cavallone, Giovanni, Crescentino, Novara.—Vermouth. 660 |
| 147 Mancini, Antonino, Catania.—Wine. 660 | 182 Bellardi, Dom. & Co., Turin.—Vermouth and liquors. 660 |
| 148 Euplio, Reina, Catania.—Wine. 660 | 183 Chicchano, Franco & Co., Turin.—Vermouth. 660 |

Wines, Vegetable Products, Agricultural Implements.

- 184 Casoni, Giuseppe, Finale, Emilia.—Liquors. 660
- 185 Napoli, Giuseppe, Baronissi, Salerno.—Wine. 660
- 186 Palmieri, Benedetto of Gius., Salerno.—Wine. 660
- 187 Lanzara, Raffaello, Salerno.—Wine. 660
- 188 Murino, Nicola, Salerno.—Wine. 660
- 189 Agnini, Tommaso, Finale, Emilia.—Liquors. 660
- 190 Bellosi, Gio. Batto, Scandiano, Emilia.—Liquors. 660
- 191 Musi, Luigi, Bologna.—Liquors. 660
- 192 Savorini, Francesco, S. John Pasiato, Bologna.—Liquors. 660
- 193 Ronzani, Camillo, Bologna.—Beer. 660
- 194 Tucci, Savo Benedetto, Rome.—Wine. 660
- 195 Jacobini Brothers, Rome.—Wine. 660
- 196 Rospigliosi, Clemente, Prince, Rome.—Wine. 660
- 197 Stella, Cav. Musio, Syracuse.—Wine. 660
- 198 Reggio, Arangio Francesco, Augusta, Sicily.—Liquors. 660
- 199 Salibra, Antonino, Syracuse.—Wine and liquors. 660
- 200 Bonanno, Michele, Baron, Syracuse.—Wine. 660
- 201 Maltese, Felice, Vittorio, Sicily.—Wine. 660
- 202 Cassale Brothers, Syracuse.—Wine and liquors. 660
- 203 Melfi, G. B., S. Antonino, Baron, Chiaramonte, Syracuse.—Wine. 660
- 204 Lanza, Cav. Salvatore, Syracuse.—Wine. 660
- 205 Adorno Puma, Cav. Gaet., Syracuse.—Wine. 660
- 206 Bruschetti, C. Vincenzo, Camerino, Maurata.—Wine. 660
- 207 Piombino, Prince of, Foligno, Umbria.—Wine. 660
- 208 Farinola, M. Paolo, Florence.—Wine. 660
- 209 Albergotti, Geo. & Agestino Bros., Arezzo.—Wine. 660
- 210 Uffredugi, Giacomo, Perugia, Umbria.—Wine. 660
- 211 Rospigliosi, Clemente, Prince, Lampovechio, Florence.—Wine. 660
- 212 Galimberti, Giuseppe, Milan.—Liquors and vermouth. 660
- 213 Marini & Poggi, Milan.—Liquors, stomachic and febrifuge elixirs. 660
- 214 Zannini & Galliani, Milan.—Liquors and extract of tamarind. 660
- 215 Isolatelli & Co., Milan.—Vermouth and liquors. 660
- 216 Cordini, Gaetano, & Brivio, Busto Arsizio, Milan.—Vermouth and liquors. 660
- 217 Branca Brothers & Co., Milan.—Vermouth, liquors, alcohol. 660
- 218 Facheris, Enrico, Lodi, Milan.—Wines and vinegar. 660
- 219 Vittone, Domenico, Milan.—Vermouth and liquors. 660
- 220 Ricasoli, Bettino, Baron, Florence.—Wines. 660
- 221 Montini, Pasquale, Fabriano, Ancona.—Vermouth and liquors. 660
- 222 Brenna, Santo, Como.—Liquors. 660
- 223 Nistri, Ferdinando, Florence.—Liquors. 660
- 224 Mostardini, Adolfo, Florence.—Liquors. 660
- 225 Cita, Francesco, & Co., Naples.—Liquors. 660
- 226 Marini, Ambrogio, Milan.—Liquors. 660
- 227 Scala, Giuseppe, Naples.—Wines. 660
- 228 Galloni, Luigi, Rome.—Wines. 660
- 229 Evoli, Ma. Giovanni, Rome.—Liquor. 660
- 230 Scala Pasquale, Naples.—Wine 660
- 231 Francica Brothers, Naples.—Wine. 660
- 232 Barra, Luigi, Naples.—Wine. 660
- 233 Patalano, Orazio, Ischia Island, Naples.—Wine. 660
- 234 Masetti, Piero Pompeo, Count, Florence.—Wine. 660
- 235 Siccoli, Guido, Florence.—Wine. 660
- 236 Fantozzi, Cesare, Foligno, Umbria.—Liquors. 660
- 237 Burchi, Serafino, Pisa.
a Liquors. 660
b Candies. 661
- 238 Viliani, Dante, Pistoga.
a Liquors. 660
b Cakes, small biscuits. 661
- 239 Tamburini, Gaetano, Bologna.—Torrone and candies. 661
- 240 Cantelli, Giuseppe, Casapulla, Caserta.—Torrone. 661
- 241 Cerri, Luigi, Cremona.—Torrone with almonds. 661
- 242 Pirrone, Antonino, Messina.—Sea biscuits. 661
- 243 Andronico, Giuseppe, Nice, Messina.—Biscuits and paste for sea. 661
- 244 Loreti, Gioacchino, Rome.—Candy, cakes, and chocolate. 661
- 245 Moriondo & Gariglio, Turin.—Chocolate and confectionery. 661
- 246 Pagni, Faustino, & Co., Pontedera, Pisa.—Biscuits, English style. 661
- Textile Substances of Vegetable or Animal Origin.**
- 247 Facchini, Pietro F., & Co., Bologna.—Raw and combed hemp. 666
- Machines, Implements, and Processes of Manufacture.**
- 248 Cagliesi, Raffaele, Ancona.—Plow. 670
- 249 Tomaselli, Giacomo, Cremona.—Plows. 670
- 250 Toroiatti, Luigi di Gio., Venice.—Harrow. 670
- 251 Porri, Luigi, Pisa.—Plow-share. 670

Agricultural Implements and Engineering.

- 252 Rossi, Ercole, Parma.—Plow. 670
- 253 Calzoni, Alessandro, Bologna.—
Agricultural machine. 670
- 254 Gattola, Nicola, Bari.—
Plow. 670
- 255 Biggi, Giovanni & Co., Piacenza.—
Hand reaping machine. 672
- 256 Uliengo, Giovanni, Biella, Novara.—
Butter machine. 675

Agricultural Engineering and Administration.

- 257 Filopanti, Quirico, Bologna.—Plan
of General Garibaldi's system of irrigation relating to the River Tiber. 630
- 258 Tramontani, D., Bologna.—Bee
hive. 683
- Collective Exhibit.
- 259 Special Committee of Messina.—
Samples of Sicilian products for exportation.

BRAZIL.

Forest and Agricultural Products.

Arboriculture and Forest Products.

- 1 Leao, Hermelino de.—Coal obtained
from pine heart. 600
- 2 Muricy, Dr.—Pine heart. 600
- 3 Arango & Silva.—Samples of woods. 600
- 4 Juparana, Baron de.—Samples of
woods. 600
- 5 Faria, Louza.—Samples of woods. 600
- 6 Villa-Franca, Baron de.—Samples
of woods. 600
- 7 Provincial Commission of S. Paulo.—
Samples of woods. 600
- 8 Cavalcanti.—Samples of woods from
Alagoas. 600
- 9 Province of Rio de Janeiro.—Sam-
ples of woods. 600
- 10 Castro, Borja.—Samples of woods
used at the custom-house dock works,
Rio de Janeiro. 600
- 11 Penitentiary, Rio de Janeiro.—Show-
cases made of Brazilian woods. 600
- 12 Conceiro.—Samples of woods in
mosaic. 600
- 13 Barbósa, F.—Samples of woods. 600
- 14 Aburicy, Dr.—Samples of woods
from Parana. 600
- 15 Hermelino, Dr.—Samples of woods
from Parana. 600
- 16 Province of Bahia.—Samples of
woods and medicinal leaves. 600
- 17 Leite, Severino.—Ticus leaves. 600
- 18 Silva, Domingos.—Samples of woods
from Macahé. 600
- 19 Province of Parana.—Lumber and
timber. 600
- 20 Bueno, Pimenta.—Samples of woods
from Para. 600
- 21 Rocha, Ignacio da.—Pine lumber
from Parana. 600
- 22 Province of Goyaz.
a Paparo or paper tree and samples of
wood. 600
b Resins. 603

- 23 Perdigao.—Resins. 603
- 24 Province of Para.
a Resins. 603
b Nuts. 605
- 25 Province of St. Catharina.
a Samples of woods. 600
b Resins. 603
- 26 Province of Amazonas.
a Samples of woods. 600
b Isca-de-tracoa, made by ants. 603
- 27 Province of Alagoas.
a Samples of woods. 600
b Gums and resins. 603
- 28 Province of Ceara.—Resins and
caoutchouc. 603
- 29 Costa, Gaudencio da.—Caoutchouc
from Para. 603
- 30 Province of Pernambuco.—Gums. 603
- 31 Province of Rio-Grande-do-Norte.—
Wax-dust, resins, and gum. 603
- 32 Province of Minas-Geraes.—Res-
ins. 603
- 33 Arango, Castro.—Wax on the
branch. 603
- 34 Sarafana, Felix.—Wax on the
branch. 603

Agricultural Products.

- 35 Scheffer, Melchior.—Barley in ear
and threshed. 620
- 36 Martins, Ant.—Barley. 620
- 37 Schamalaké.—Barley. 620
- 38 Richter, Frederico.—Cereals. 620
- 39 Leao, Hermelino de.
a Rye, wheat, oats, linseed, and maize. 620
b Beans. 621
- 40 N—. N—. 620
a Maize on the cob; carnauba straw. 620
b Tea from S. Paulo; coffee from Bahia. 623
- 41 Province of Parana.
a Wheat and rye. 620
b Medicinal plants. 621
c Manioc tubers. 622
d Maté, a substitute for tea; coffee, tobacco, cigarettes. 622

Agricultural Products.

- 42 Perdigao.
a Medicinal plants. 621
b Bacury seeds. 624
- 43 Province of Ceara.—Medicinal plants. 621
- 44 Province of Goyaz.
a Medicinal plants. 621
b Tobacco. 623
- 45 Muricy & Leao.—Beans. 621
- 46 Leao, Herculano de.—Beans. 621
- 47 Province of Para.
a Barley. 620
b Cocoa. 623
- 48 Province of Alagoas.
a Medicinal plants. 621
b Vanilla and other seeds. 624
- 49 Province of S. Paulo.—Medicinal roots. 622
- 50 Aranje, Rodrigues de.—Medicinal plants. 622
- 51 Moura, Ferreira de.—Potatoes. 622
- 52 Dr. Muricy.—Sweet flag. 622
- 53 Constanca, Maria, & Sons.—Coffee and cocoa. 623
- 54 Correa, Pereira.—Maté, a substitute for tea. 623
- 55 Luz, Ferreira de.—Maté, a substitute for tea. 623
- 56 Camargos, Baron de.—Tea. 623
- 57 Province of Sancta Catharina.—Coffee. 623
- 58 Guimaraes, Ant.—Coffee from Guara. 623
- 59 Friburgo & Sons.—Coffee. 623
- 60 Nobrega, J.—Coffee from Boa Esperanca. 623
- 61 Munhos, Caetano.—Maté, a substitute for tea. 623
- 62 Ayrosa, M. A.—Coffee. 623
- 63 Rocha-Leao, M. da.—Coffee. 623
- 64 Costa-Pereira, A. B. da.—Coffee from Piedade. 623
- 65 Gama, P. N. Nogueira da.—Coffee from Concordia. 623
- 66 Juparana, Baron de.—Coffee from Sta. Monica. 623
- 67 Rio-Novo, Viscountess of.—Coffee from Uniao. 623
- 68 Pripod, Silvino.—Coffee. 623
- 69 Jardieu, Gomes de.—Coffee. 623
- 70 Bella-Vista, Baron de.—Coffee. 623
- 71 Machado, Marcondes.—Coffee. 623
- 72 Province of Maranhao.—Coffee. 623
- 73 Vieira, Ant.—Coffee. 623
- 74 Magalhaes, Almeida.—Coffee. 623
- 75 Barros, Peixeira da.—Coffee. 623
- 76 Lima, Freitas.—Coffee. 623
- 77 Jordao, Miranda.—Coffee. 623
- 78 Costa, Maria da.—Coffee. 623
- 79 Camargo, Pompen de.—Coffee from Campinas. 623
- 80 Nogueira, Almeida.—Coffee from Campinas. 623
- 81 Jordao, R.—Coffee. 623
- 82 Vergueiro & Co.—Coffee. 623
- 83 Barros, Sonza.—Coffee from S. Paulo. 623
- 84 Camargo, Santos.—Coffee. 623
- 85 Amaral, Thereza do.—Coffee from Campinas. 623
- 86 Amaral, Francisco do.—Coffee from Campinas. 623
- 87 Nogueira, Ramos.—Coffee from S. Paulo. 623
- 88 Gaviao, Bernardo.—Coffee from S. Paulo. 623
- 89 Sonza, Paula.—Coffee from S. Paulo. 623
- 90 Barros, Raphael de.—Coffee from S. Paulo. 623
- 91 C——, A. M.—Coffee from Iguape. 623
- 92 Jordao, Silverio.—Coffee. 623
- 93 Araraguara, Baron de.—Coffee. 623
- 94 Favares, Pinto.—Coffee. 623
- 95 Sonza-Gueiroz, Baron de.—Coffee from S. Paulo. 623
- 96 Commission for the Province of St. Catharina.—Coffee. 623
- 97 Santos, Cornelio dos.—Coffee. 623
- 98 Prados, Viscount de.—Coffee from Minas-Geraes. 623
- 99 Assiz, Ferreira d'.—Coffee from Minas-Geraes. 623
- 100 Ribeiro, Silva.—Coffee from Minas-Geraes. 623
- 101 Alves, Assiz.—Coffee from Minas-Geraes. 623
- 102 Freire, Manuel.—Coffee from S. Paulo. 623
- 103 Carvalho, Zacharias de.—Coffee from Sergipe. 623
- 104 Freire & Bros.—Coffee. 623
- 105 Breve, Sonza.—Coffee. 623
- 106 Jaguary, Visconde de.—Coffee. 623
- 107 Rocha-Ferreira, D. da.—Tobacco. 623
- 108 Parana, D. V.—Tobacco. 623
- 109 Commission for the Province of Maranhao.—Tobacco. 623
- 110 The Colony of Blumeneau.—Tobacco and cigars. 623
- 111 The Colony of Itajahy.—Twisted tobacco and mate. 623
- 112 Figueredo, Pinto de.—Twisted tobacco. 623
- 113 Province of Amazonas.—Twisted tobacco. 623
- 114 Veiga.—Tobacco from Rio de Janeiro. 623
- 115 Province of Para.—Tobacco. 623
- 116 Oliveira, Coelho d'.—Tobacco from Minas-Geraes. 623
- 117 Province of Matto Grosso.—Tobacco and cigars. 623
- 118 Province of Rio-Grande-do-Sul.—Tobacco in leaf, and mate dust. 623
- 119 Pinto & Bro.—Tobacco in leaf. 623
- 120 Testa, Umbellino.—Tobacco from Bahia. 623
- 121 Sonza, Vasconcellos de.—Tobacco from Bahia. 623
- 122 Viotti.—Cigarettes. 623
- 123 Paulo Cardeiro, J.—Snuff. 623

Agricultural, Animal, Vegetable Products.

- | | |
|---|--|
| <p>124 Province of Ceara.—Snuff. 623</p> <p>125 Rocha, Correa da.—Snuff. 623</p> <p>126 Novaes, Sonza.—Cigarettes. 623</p> <p>127 Province of Bahia.—Cigars. 623</p> <p>128 Aguer, Luiz.—Maté, a substitute for tea. 623</p> <p>129 Aguer, Lino.—Maté, a substitute for tea. 623</p> <p>130 Martino, Luiz.—Tea. 623</p> <p>131 Rodovalho, P.—Maté, a substitute for tea, from S. Paulo. 623</p> <p>132 Fluminense Agriculture Institute.—Tea made from coffee-leaves. 623</p> <p>133 Central Exportation Co.—Maté, a substitute for tea. 623</p> <p>134 Jaguary, Viscount of.—Seeds of palma christi tree. 624</p> <p>Water Animals, Fish Culture, and Apparatus.</p> <p>135 Province of Parana.—Isinglass. 646</p> <p>Animal and Vegetable Products.</p> <p>136 Province of Matto-Grosso.
 <i>a</i> Quinine. 650
 <i>b</i> Hides and furs. 652</p> <p>137 Agricultural Institute
 <i>a</i> Sage. 650
 <i>b</i> Flour. 657
 <i>c</i> Arrowroot. 658</p> <p>138 Province of Allagoas.
 <i>a</i> Indigo-plant and vegetable dyes; caroba, quinine, etc. 650
 <i>b</i> Hides and furs. 652
 <i>c</i> Vegetable milk. 656</p> <p>139 Province of S. Paulo.
 <i>a</i> Camomile. 650
 <i>b</i> Hides and leather. 652
 <i>c</i> Liquors, aguardente, etc. 660
 <i>d</i> Chocolate. 661</p> <p>140 Perueta.—Stag-horns. 652</p> <p>141 Colony of Blumeneau.—Various products. 652</p> <p>142 Province of Amazonas.—Hides and furs. 652</p> <p>143 Province of Goyaz.—Hides, furs, and leather. 652</p> <p>144 Province of Ceara.
 <i>a</i> Hides and furs. 652
 <i>b</i> Jurubeba. 660
 <i>c</i> Confectionery. 661</p> <p>145 Province of Rio Grande do Sul.
 <i>a</i> Leather. 652
 <i>b</i> Preserved tongue and beef. 656</p> <p>146 Province of Rio Grande do Norte.
 <i>a</i> Oil and tallow. 652
 <i>b</i> Powdered honey-wax. 654</p> <p>147 Province of Parana.
 <i>a</i> Hides, furs, and ox-horns 652
 <i>b</i> Wax. 654
 <i>c</i> Manioc flour and fecula. 657
 <i>d</i> Aguardente from sugar-cane, and liquor from maté herb and quince. 660</p> <p>148 Long & Co.—Wax. 654</p> <p>149 Silva, Leal, & Santos.—Preserves. 656</p> <p>150 Guttier & Wagner.—Preserved fruits. 656</p> <p>151 Ubatuba, Dr.—Extract of mint. 656</p> <p>152 Province of Para.—Preserved meats. 656</p> | <p>153 Santos & Ferreira.—Preserved vegetables, marmalade, and fruit-butter. 656</p> <p>154 Province of Maranhao.
 <i>a</i> Rice. 656
 <i>b</i> Vegetable oils. 662</p> <p>155 Province of Pernambuco.
 <i>a</i> Dried fruits. 656
 <i>b</i> Manioc and arrow-root flour. 657
 <i>c</i> Sugar. 659
 <i>d</i> Aguardente from sugar-cane. 660
 <i>e</i> Cocoa oil. 662</p> <p>156 Tamancoo Factory.—Crushed rice. 657</p> <p>157 Schuemelpfung, A.—Rye flour. 657</p> <p>158 Demincourt.—Arrowroot flour. 657</p> <p>159 Alvarenga, Dr.
 <i>a</i> Flour. 657
 <i>b</i> Tapioca. 658</p> <p>160 Leao, Herculano de.—Rice. 657</p> <p>161 Murucy, Dr.—Maize and rye-flour. 657</p> <p>162 Directory Board of the Colony of Angelina.—Corn-flour from the colony. 657</p> <p>163 Silva, Carneiro da.—Manioc-flour. 657</p> <p>164 Tripidi, Silvino.—Rice. 657</p> <p>165 Cardeiro, jr.—Rice on the branch. 657</p> <p>166 Tarranbae, J.—Arrowroot flour. 657</p> <p>167 Carvalho, Lima.—Manioc and orris-root flour. 657</p> <p>168 Province of Sancta Catharina.—Flour, rice, and arrowroot flour. 657</p> <p>169 Guimaraes, Antonio.
 <i>a</i> Rice. 657
 <i>b</i> Aguardente from sugar-cane, orange, etc. 660</p> <p>170 N ——— N ———.
 <i>a</i> Rice. 657
 <i>b</i> Farinas. 658
 <i>c</i> Vinegar. 660</p> <p>171 Pirapitenga, Baron de.—Tapioca and orris-root. 658</p> <p>172 Constanca, Maria, & Filkos.—Tapioca and orris-root. 658</p> <p>173 Pinheiro, Thomaz.—Sugar. 659</p> <p>174 Carvalho & Oliveira.—Syrup of ipecac. 659</p> <p>175 Diaz, Isidoro.—Sugar and syrup. 659</p> <p>176 Mana, Vicount de.—Refined sugar. 659</p> <p>177 Dezincourt.—Crystallized sugar. 659</p> <p>178 Barros, Bernardino de.—Brown and white sugar. 659</p> <p>179 Barros, Fernandes de.—Sugar. 659</p> <p>180 Costa & Co.—Refined sugar. 659</p> <p>181 Costa, Ribeiro de.—Sugar. 659</p> <p>182 Souza, Alves de.—Sugar. 659</p> <p>183 Vianna, Paula.—Sugar. 659</p> <p>184 Boa-Viagem, Baron de.—Sugar. 659</p> <p>185 Wanderley, Barros.—Sugar. 659</p> <p>186 Villa-Franca, Baron de.—Sugar. 659</p> <p>187 Leao, Souza.—Sugar. 659</p> <p>188 Virgens, Bernardo da.—Sugar. 659</p> <p>189 Bastos, Rodriguez.—Sugar. 659</p> |
|---|--|

ESTABLISHED 1810.

W. A. DROWN & CO.

SUPERIOR
UMBRELLAS
AND
PARASOLS.

Manufactories in Philadelphia.



TRADE-MARK.

WAREROOMS:

246 Market Street,
PHILADELPHIA.

498 & 500 Broadway,
NEW YORK.



HASELTINE GALLERIES,

1125 and 1127 Chestnut St., Philadelphia.

PROVIDENT
LIFE AND TRUST COMPANY,
OF PHILADELPHIA.

INCORPORATED 3 MO. 23, 1865.

ASSETS, over - - - - - \$3,000,000

Strictly Mutual. Distinguished for careful selection of risks, prudent investment of funds, great economy, and liberality to its policy-holders.

THE American Newspaper Union.

A. J. AIKENS, President.

New York Newspaper Union, 148 and 150 Worth St., New York.	}	315 Newspapers, \$3.00 per line, per week.			
Chicago Newspaper Union, 114 Monroe St., Chicago.		350	"	\$3.50	" "
Milwaukee Newspaper Union, 365 East Water St., Milwaukee.	}	120	"	\$1.25	" "
Aikens Newspaper Union, 143 Race St., Cincinnati.		200	"	\$2.00	" "
Southern Newspaper Union, 227 Second St., Memphis, Tenn.	}	145	"	\$1.50	" "
St. Paul Newspaper Union, 17 Wabashaw St., St. Paul, Minn.		73	"	\$.75	" "

THE ORIGIN OF CO-OPERATIVE NEWSPAPER ADVERTISING.

Co-operative newspaper printing, as now practised, originated in Wisconsin twelve years ago. It is termed *co-operative* for the reason that one side of each of the newspapers is printed at a central office, and the paper sent in its half-printed state to the home office, where it is completed with editorials, local news, and other matter prepared by the editor or publisher. In December, 1846, the idea of co-operation, *with advertisements*, occurred to Mr. Aikens, while yet serving his time as an apprentice, in printing the message of President Polk on one side of a country newspaper of New England at Boston, and the other half being printed at the local office.

Mr. A. J. Aikens, a practical printer and business man, conceived the idea of reducing the cost of ready-printed paper, as it is now termed, to country publishers, by making an agreement with them to use a certain space in each of their papers for advertisements that he might procure. This plan of co-operation he put into practice twelve years ago, at the office of Cramer, Aikens & Cramer, Milwaukee. It at once became successful, leading to the establishment of co-operative newspaper printing-offices in Chicago, New York, St. Louis, Cincinnati, Memphis, St. Paul, and other places. There are now over two thousand newspapers printed upon the co-operative plan in the United States and Canadas, and the number is constantly increasing, it having more than doubled in the last five years. The enterprise is no longer an experiment, but an established success, and the system is one yielding manifold advantages to advertisers as well as to local publishers.

The American Newspaper Union

Is essentially national. The papers represented in it are located in all the States of the Union and in nearly five hundred county seats. They circulate over the whole area of the country from Maine to Colorado, distributing at least *one hundred copies every year to each square mile of the settled portions of the United States*.

Although, as a whole, the Union List is national, covering all sections, it is so made up of different members as to be susceptible of easy division into sections—East, Middle, West, South. The distribution of the papers is as follows:

New England	78	Illinois	117	Nebraska	15
New York	101	Michigan	86	Missouri	17
New Jersey	27	Wisconsin	98	Georgia	10
Pennsylvania	65	Tennessee	29	Alabama	32
Virginia	24	Kentucky	29	Louisiana	11
No. and So. Carolina . .	24	Minnesota	79	Mississippi	29
Ohio	122	Iowa	85	Other States	46
Indiana	81				

AGGREGATE CIRCULATION.

The circulation of these papers is large and constantly increasing. It is larger than the circulation of any other lists or combinations of country papers in the United States—the last aggregate weekly circulation being *seven hundred thousand seven hundred and thirty copies* (700,730).

SEND TO EITHER OFFICE FOR A CIRCULAR.

Vegetable and Animal Products, Machines.

190 Braga & Co.	
<i>a</i> Syrups.	659
<i>b</i> Liquors; aguardente, cognac, etc.	660
191 Province of Bahia.	
<i>a</i> Refined sugar.	659
<i>b</i> Chocolate of musgo.	661
192 Barroso, Paula.	
<i>a</i> Sugar.	659
<i>b</i> Aguardente from sugar-cane.	660
193 Castro, Ribiero de.	
<i>a</i> Sugar.	659
<i>b</i> Brandy from sugar-cane.	660
194 Arango, Ignacio de.—Liquors.	660
195 Oliveira, Roiz de.—Liquors.	660
196 Carvalho, Leitao de.—Larangiuh and gin.	600
197 Faleas, Piris.—Aguardente.	660
198 Raposo, Amaral.—Wines and liquors.	600
199 Pinto, Oliveira.—Aguardente from sugar-cane and caju wine.	660
200 Azcoedo, Pereira de.—Aguardente.	660
201 Carvalho, M. de.—Gin.	660
202 Jeremoabo, T.—Aguardente from honey.	660
203 Schulmann & Co.—Wine and vine- gar from sugar-cane.	660
204 Pimenta, Mattos.—Hesperidina- Yaguarembó.	660
205 Oliveira, C.—Wine and aguardente from sugar-cane; vinegar, from pine- apple.	660
206 Frey, Otto.—Liquors.	660
207 Vasconcellos, P. de.—Orange wine.	660
208 Cattermolle, Erdman.—Wines and liquors.	660
209 Alves & Co.—Liquors.	660
210 Barroso, Carvalho.—Alcohol.	660
211 Silveira, N.—Aguardente.	660
212 Pinheiro, Thomaz.—Larangiuh.	660
213 Caipora, Guimaraes.—Larangiuh.	660
214 Bella-Vista, Baron, de.—Aguar- dente.	660
215 Province of Para.—Guarana.	660
216 Pereira, Estevao.—Larangiuh, aguardente from sugar-cane.	660
217 Itabapoana, Baron de.—Larangiuh.	660
218 Silva, Carneiro da.—Larangiuh.	660
219 Rebello, Silva.—Liquor from coffee and other plants.	660
220 Mamede.—Caju wine for medicinal purposes.	660
221 Macedo, J. de.—Liquors.	660
222 Le Page.—Wines and Vinegar.	660
223 Viotte.—Peach liquor.	660
224 Viarma, Oliveira.—Aguardente.	660
225 Biagem, Boa, Baron da.—Aguar- dente.	660
226 Sardinha.—Wine.	660
227 Pinho, Franciscode.—Chocolate.	661
228 Leao, Herculino de.—Farina bis- cuit.	661
229 Perdigas.—Vegetable oils.	662

Textile Substances of Vegetable or
Animal Origin.

230 Mello, Carneiro de.—Brown cotton.	665
231 Hayr.—Cotton.	665
232 Moreira, Collares.—Cotton from Maranhao.	665
233 Province of Ceara.—Cotton.	665
234 Province of Matto Grosso.—Guinea cotton.	665
235 Province of Parasyba.—Cotton.	665
236 Province of Rio Grande do Norte. —Cotton.	665
237 C—, J. T. A.—Cotton from S. Paulo.	665
238 Barros, Souza.—Cotton from S. Paulo.	665
239 Malasky.—Cotton from Soracaba.	665
240 B—, A. A.—Cotton from S. Paulo.	665
241 A—, J. C.—Cotton from S. Paulo.	665
242 Province of Alagoas.—Vegetable wool.	665
243 Province of Pernambuco.	
<i>a</i> Russian cotton.	665
<i>b</i> Tow.	666
<i>c</i> Bristles.	669
244 Province of Parana.	
<i>a</i> Cotton.	665
<i>b</i> Flax.	666
<i>c</i> Wool.	667
<i>d</i> Animal hair.	669
245 Steele, J.—Jute.	666
246 Leite, Severino.—Vegetable hair.	666
247 Lang & Co.—Hemp and flax.	666
248 Province of Para.—Jute.	666
249 Province of Bahia.—Vegetable hair.	666
250 Province of S. Paulo.—Paina.	666
251 Villa-Franca, Baron de.—Paina.	666
252 Agricultural Institute.—Wool.	667
253 Moreira, Nicolai.—Silk-worms.	663
254 Reis, Luciano.—Silk in the cocoon and reeled.	663
255 Resende, Luiz de.—Silk-worms, cocoon, reeled silk, and apparatus for reeling silk.	663

Machines, Implements, and Processes
of Manufacture.

256 Biernemback & Irmaos.—Plows.	670
257 Autumes, J. A.—Machine for pre- paring coffee.	674
258 Duos, T.—Filter for sugar distilla- tion.	674

Agricultural Engineering and Admin-
istration.

259 Province of Amazonas.—Guano.	681
260 Muricy & Leao.—Guano.	681

(For other exhibits in this department see
Main Building.)

ARGENTINE REPUBLIC.

Arboriculture and Forest Products.

Arboriculture and Forest Products.

- 1 Commission of the Chaco Argentine Territory.
 - a Collection of natural and polished woods. 600
 - b Indigo plant and curupai bark. 602
- 2 Gallegos, Miguel, Chaco Argentine Territory.—A cane; samples of wood. 600
- 3 Aguilar, Francisco D., Province of San Juan.—Flowers made from carob tree wood; chica wood; collection of woods to be presented to the National Department of Agriculture. 600
- 4 Langan, Juan, Province of San Juan.—Collection of woods. 600
- 5 Provincial Commission, Province of Santa Fé.
 - a Collection of woods, polished lignum-vitæ. 600
 - b Laurel bark and tanning materials. 602
- 6 Echevarria, Cecilio, Province of Santa Fé.
 - a Collection of woods; polished samples. 600
 - b Dyes. 602
- 7 Provincial Commission, Province of Cordoba.
 - a Collection of woods; polished samples. 600
 - b White carob tree and molle seed. 605
- 8 Correjo, Juan, Province of Salta.
 - a Cherimoya seed. 600
 - b Palo Santo resin. 603
- 9 Fleming, Miguel, Province of Salta.—Tipa and tarco seed. 600
- 10 Provisional Commission, Province of Salta.
 - a Collection of seeds and woods. 600
 - b Dyeing and tanning materials. 602
- 11 Billar, Salvador, Province of Jujui.
 - a Collection of woods. 600
 - b Socondo and pastilla bark. 602
 - c Palm, lignum-vitæ, quina-quina and pacara seeds, etc. 605
- 12 Provincial Commission, Province of Catamarca.
 - a Collection of logs. 600
 - b Dyeing and tanning materials. 602
 - c Visco and lignumvitæ seeds. 605
- 13 Provincial Commission, Province of La Rioja.
 - a Collection of woods. 600
 - b Tar, carob resin, and Lata incense. 603
 - c Yareta plant, containing much resin. 604
 - d Collection of seeds. 605
- 14 Cecenarro, Vicente, Province of Catamarca.—Viscote wood. 600
- 15 Quevedo, Samuel Lafone, Province of Catamarca.—Black carob wood. 600
- 16 Andalgala Commission, Province of Catamarca.
 - a Cactus. 600
 - b Dyeing and tanning products. 602
- 17 Provincial Commission, Province of Tucuman.
 - a Samples of wood in logs, partly polished. 600
 - b Cebil bark for tanning, Socendo. 602
- 18 Provincial Commission, Province of Mendoza.
 - a Samples of wood in logs. 600
 - b Chanar bark for cleaning cloth and Retortuno for tanning. 602
 - c Gums and resins. 603
- 19 Videla, Victor, Province of San Luis.—Collection of woods; polished samples. 600
- 20 Provincial Commission, Province of Corrientes.—
 - a Collection of polished and unpolished woods. 600
 - b Bark of back laurel and curupay tree, used for tanning, etc. 602
 - c Peanuts, and creeping plant called curuhay guazu. 605
- 21 Roibon, Enrique, Province of Corrientes.—Caaroba wood. 600
- 22 Resvagli, Luis, Province of Corrientes.—Collection of woods; boxes. 600
- 23 Bella Vista Sub-Commission, Province of Corrientes.
 - a Collection of woods. 604
 - b Orange seed, chichita, suspiros, peanuts. 605
- 24 Ferré, Vicente, Province of Corrientes.—Sticks of different woods. 603
- 25 National Department of Agriculture, Province of Corrientes.—Samples of Urunday wood. 600
- 26 Justice of the Peace of Ensenada, Province of Buenos Ayres.—Collection of woods. 600
- 27 Valdes, Emiliano, & Cipriano, Province of Buenos Ayres.
 - a Collection of curromamuel and other woods. 600
 - b Mushrooms grown on willow bark. 604
- 28 Agricultural School of Santa Catalina, Province of Buenos Ayres.—Beehives made of black acacia. 600
- 29 Roibon, Federico, Province of Corrientes.—Pictures of trees in water-colors. 600
- 30 Boero, José, and Poletti, Antonio, Province of Buenos Ayres.—A rack made of twenty-five kinds of wood. 600
- 31 Iniguez, Manuel, Province of Buenos Ayres.—Specimens of woods. 600
- 32 Provincial Commission, Province of Santiago del Estero.
 - a Collection of woods in logs. 600
 - b Collection of dyeing woods, etc. 602
- 33 Provincial Commission, Province of Entre-Rios.—Samples of polished woods. 600

Forest and Agricultural Products.

- 34 Elola, P., Province of Entre-Rios.—Collection of woods. 600
- 35 Berdue, Martin, Province of Entre-Rios.—Box made of different woods. 600
- 36 Parana Commission, Province of Entre-Rios. 600
 - a Collection of woods. 600
 - b Roots and barks; cochineal and dyeing materials. 602
 - c Turpentine. 603
- 37 Roman, José, Province of Entre-Rios.—Carob and mandubay wood. 600
- 38 Garrigos, J. M., Province of Entre-Rios.—Collection of woods. 600
- 39 Gallino, J. A., Province of Entre-Rios.—Collection of woods. 600
- 40 Echebeherre, Pedro, Province of Entre-Rios.—Collection of woods. 600
- 41 Fontes, Vicente and Neyra, Sisto, Province of Entre-Rios.—Collection of woods. 600
- 42 Calderon, Pedro, Province of Entre-Rios.—Collection of woods. 600
- 43 Gonzalez, Meliton, Province of Entre-Rios.—Collection of woods. 600
- 44 Goyri, Bernardo, Province of Entre-Rios.—Samples of different seeds. 600
- 45 Provincial Commission, Province of San Luis. 602
 - a Dyeing and tanning products. 602
 - b Gum and resin. 603
- 46 Medina, Luis R., Province of Catamarca.—Cocoanut bark. 602
- 47 Hurley, Tomas, Province of Catamarca.—Dyeing products. 602
- 48 Sievert, Max, Province of Salta. 602
 - a Silk and wool dyed with the product of the lapacho tree; other dyeing products. 602
 - b Peat. 604
- 49 Gonzalez, Joaquin, Province of La Rioja. 602
 - a Sacanza for dyeing. 602
 - b Guano, roots, etc. 603
- 50 Wuffbain, Gustavo, Province of La Rioja. 602
 - a Roots for tanning and dyeing, cleansing substances replacing soap, jume for making soap. 602
 - b Cotton-seed. 605
- 51 Gelos, Martin, Province of La Rioja. 602
 - a Dyeing and tanning products. 602
- 52 Fava, Carlos, Province of Corrientes. 602
 - a Cochineal and indigo-plant. 602
- 53 Lopez, Feliciano, Province of Corrientes.—Mbui plant, for dyeing silk and wool. 602
- 54 Pujol, Elisa, Province of Corrientes.—Root of isypoyu, for dyeing; coloring-roots. 602
- 55 Poisson, J. F., Province of Corrientes.—Urucu-seed, for dyeing. 602
- 56 Ritsch, Felipe, Province of Mendoza. 602
 - a Roots for dyeing. 602
- 57 Ocampo & Acosta, Province of Cordoba.—Bark, seed, and other products for tanning. 602
- 58 Several Exhibitors, Province of San Juan.—Dyeing materials. 602
- 59 Ubach de Colon, José, Province of Entre-Rios.—Sarsaparilla, carob-bark, and other tanning and dyeing products. 602
- 60 Sub-commission of the Department of Diamante, Province of Entre-Rios.—Cochineal, carob-bark, and other dyeing and tanning materials. 602
- 61 Soler, Ventura, Province of Entre-Rios.—Laurel and carob-bark and other dyeing and tanning materials. 602
- 62 Rodriguez, Severo, Province of San Juan. 603
 - a Resins of chilca, etc. 603
 - b Carob and myrrh seed. 605
- 63 Balban, Nonasea, Province of Catamarca.—Carob-resin and black resin for dyeing. 603
- 64 Flores, Nicanor, Province of Salta.—Tar. 603
- 65 Sollá, Juan, Province of Salta.—Yareta, a resinous plant. 603
- 66 Riso, Petrona, Province of Catamarca.—Cherimolia seed. 605
- 67 Machado, Ruben, Province of Catamarca.—Mistol and carob tree seed. 605
- 68 Ponce, Isidora, Province of Catamarca.—Molle seed. 605
- 69 Esparsa, José, Province of Catamarca.—Seed of acacia aroma, for dyeing and medicinal purposes. 605
- 70 Miranda, José, Province of Catamarca.—Acacia for feed and for hedges. 605
- 71 Albarez, Francisco, Province of La Rioja.—Malingasta nuts. 605
- 72 Larrahona, Pedro, Province of La Rioja.—Malingasta nuts. 605
- 73 Chaves, Crisologo, Province of La Rioja.—Tusca seeds. 605
- 74 Peluffo, Vicente, & Co., Province of Buenos Ayres.—Collection of seeds. 605

Agricultural Products.

- 75 Imar Bros., Province of Buenos Ayres.—Wheat. 620
- 76 Unzué, Saturnino, Province of Buenos Ayres.—Wheat. 620
- 77 Grego, A., Province of Buenos Ayres.—Wheat. 620
- 78 Diaz, Eugenio, Province of Buenos Ayres.—Wheat. 620
- 79 Traverso, Juan, Province of Buenos Ayres.—Wheat. 620
- 80 Bruno, Domingo, Province of Buenos Ayres.—Wheat. 620
- 81 Alonso, Manuel, Province of Buenos Ayres.—Wheat. 620
- 82 Ibarra, Venero, Province of Buenos Ayres.—Wheat. 620
- 83 Provincial Commission, Province of Buenos Ayres.—Wheat. 620
- 84 Bertolate, G., Province of Buenos Ayres.—Wheat. 620
- 85 Buffa, Agustin, Province of Buenos Ayres.—Wheat. 620
- 86 Lanzon, N., Province of Buenos Ayres.—Wheat. 620
- 87 Malvichini, N., Province of Buenos Ayres.—Wheat. 620
- 88 Costa, Bartolo, Province of Buenos Ayres.—Wheat. 620
- 89 Justice of the Peace of Juarez, Province of Buenos Ayres.—Wheat. 620

Agricultural Products.

- 90 Justice of the Peace of Patagones, Province of Buenos Ayres.—Wheat, barley, and corn. 620
- 91 Guerrin, N., Province of Buenos Ayres.—Wheat. 620
- 92 Mildred, Juan, Province of Buenos Ayres.—Wheat and barley. 620
- 93 Justice of the Peace of Bahia Blanca, Province of Buenos Ayres.—Wheat, barley, and corn. 620
- 94 Burgos, R., Province of Buenos Ayres.—Wheat. 620
- 95 Acuña, Francisco, Province of Buenos Ayres.—Barley and corn. 620
- 96 Peluffo, Angel, Province of Buenos Ayres.—Barley. 620
- 97 Agricultural School of Santa Catalina, Province of Buenos Ayres.—Corn. 620
- 98 Arce, Invencio, Province of Buenos Ayres.—Corn. 620
- 99 Justice of the Peace of Zarate, Province of Buenos Ayres.—Corn. 620
- 100 Martinez, Hercules, Province of Buenos Ayres.—Corn. 620
- 101 Unzué, Saturnino, Province of Buenos Ayres.—Corn. 620
- 102 Valdez, Emiliano, Province of Buenos Ayres.—Corn. 620
- 103 Peluffo, Angel, Province of Buenos Ayres.—Lima beans. 620
- 104 Agricultural School of Santa Catalina, Province of Buenos Ayres.—Fresh beans; lentils. 620
- 105 Valdes, Emiliano & Cipriano, Province of Buenos Ayres.
a Barley, sugar-cane, straw, etc. 620
b Garlic. 621
- 106 Galarani, Carlos, Province of Buenos Ayres.—Flax, barley, corn, wheat, maize, Lima beans, and cattle-feed. 620
- 107 Government of the Province of San Juan.—Grasses, straw, maté herb, etc. 620
- 108 Rodriguez, Victor, Province of San Juan.—Junquille. 620
- 109 Sarmiento, Juan L., Province of San Juan.—Yellow and white corn; wheat. 620
- 110 Correa, Benidicto, Province of San Juan.—Corn. 620
- 111 Mazo, Julian, Province of San Juan.
a White and red corn. 620
b Lima beans. 621
- 112 Amafil, Benigno, Province of San Juan.—Yellow corn. 620
- 113 Frias, Salvador, Province of San Juan.—White corn, barley, wheat. 620
- 114 Vidal, Marco A., Province of San Juan.—Red corn. 620
- 115 Jones, Fabian, Province of San Juan.—Red corn; wheat. 620
- 116 Aguilar, Juan M., Province of San Juan.—Red corn; wheat. 620
- 117 Ruiz, Clemente, Province of San Juan.
a Red corn, wheat. 620
b Lucern seed and Lima beans. 624
- 118 Jofré, Roman, Province of San Juan.—Red corn. 620
- 119 Rufino, Geronimo P., Province of San Juan.—White corn. 620
- 120 Figueroa, Tomas, Province of San Juan.—White corn. 620
- 121 Ruiz, G., Province of San Juan.—White corn. 620
- 122 Balaguer, Tristan, Province of San Juan.—White and Oregon corn. 620
- 123 Rosa, Rosauero de la, Province of San Juan.—Corn, lucern seed. 620
- 124 Baca, Province of San Juan.—Corn, wheat. 620
- 125 Lloveras, Lisandro, Province of San Juan.—White corn. 620
- 126 Cordero, Pedro J., Province of San Juan.—White corn. 620
- 127 Castro, Pedro, Province of San Juan.—White corn flour. 620
- 128 Bates, Benjamin, Province of San Juan.
a Wheat. 620
b Canary seed. 624
- 129 Aubone, Daniel, Province of San Juan.—Lima beans. 620
- 130 Cordero, Pedro, Province of San Juan.—Peas. 620
- 131 Farias, José A., Province of San Juan.—Lima beans, peas, etc. 620
- 132 Rufino, Geronimo C., Province of San Juan.—Lima beans, peas. 620
- 133 Bodarata, Juan, Province of San Juan.—Barley. 620
- 134 Ramirez & Co., Province of San Juan.
a Barley, white corn. 620
b Lima beans, peas, etc. 621
- 135 Cordero, Pedro J., Province of San Juan.—Barley, lucern seed, wheat. 620
- 136 Vidal, Marco, Province of San Juan.—White wheat. 620
- 137 Day, Frederica, Province of San Juan.—Wheat. 620
- 138 Muñoz, Brancisco, Province of San Juan.—Wheat. 620
- 139 Ledesma Bros., Province of San Juan.—Wheat. 620
- 140 Provincial Commission, Province of Salta.
a Corn, lucern seed, peanuts, barley, wheat, melons, sugar-cane, etc. 620
b Tobacco. 623
c Onion seed. 624
- 141 Fleming, Miguel, Province of Salta.
a Wheat and corn. 620
b Potatoes. 622
- 142 Toro, Ignacio, Province of Salta.—Wheat, barley, and lucern seed. 620
- 143 Gonzalez, Joaquin, Province of La Rioja.—Corn for flowers, and also for flour, wheat, lucern seed. 620
- 144 Davila, Guillermo, Province of La Rioja.
a White corn, sugar corn, wheat. 620
b Lima beans. 620
- 145 Larrohona, Pedro, Province of La Rioja.
a Corn, wheat. 620
b Lima beans. 621
- 146 Villafane, Nicolasa, Province of La Rioja.
a Corn. 620
b Lima beans. 621
- 147 Illaños, José Manuel, Province of La Rioja.—White corn, barley, wheat. 620

Agricultural Products.

- | | | | |
|---|-----|---|-----|
| 143 Provincial Commission, Province of La Rioja. | | 174 Arrondo, Agustin, Province of Entre-Rios.—Wheat. | 620 |
| <i>a</i> Corn, wheat, barley. | 620 | 175 Paraña Commission, Province of Entre-Rios. | |
| <i>b</i> Lima beans. | 621 | <i>a</i> Peanuts, corn, etc. | 620 |
| <i>c</i> Onion seed. | 624 | <i>b</i> Beans. | 621 |
| 149 Gonzalez, Ventura, Province of La Rioja.—Wheat. | 620 | <i>c</i> Potatoes. | 622 |
| 150 Davila, Bonifacio, Province of La Rioja.—Lima beans. | 620 | 176 Gualaguaychu Sub-commission, Province of Entre-Rios.—Wheat, corn, and beans. | 620 |
| 151 Bascuñan, Francisco, Province of La Rioja.—Lucern seed, Lima beans. | 620 | 177 Goyri, B., Province of Entre-Rios.—Corn. | 620 |
| 152 Alvarez, Francisco, Province of La Rioja. | | 178 Balujera, Domingo, Province of Entre-Rios.—Rice. | 620 |
| <i>a</i> Wheat in stalks. | 620 | 179 Crespo, Manuel, Province of Entre-Rios.—Paraná wheat. | 620 |
| <i>b</i> Lima beans. | 621 | 180 Uruguay and Paraná Commission, Province of Entre-Rios.—Collection of seeds and cereals. | 620 |
| 153 Muro, Froilan, Province of Catamarca. | | 181 Meyer, Edmundo, Province of Santa Fé.—Wheat and barley. | 620 |
| <i>a</i> Corn, cresenton. | 620 | 182 Ceretti, L., Province of Santa Fé.—Wheat. | 620 |
| <i>b</i> Lima beans and peas. | 621 | 183 Lubary, T., Province of Santa Fé.—Wheat. | 620 |
| 154 Diaz, Ramon, Province of Catamarca. | | 184 Colonia San Carlos Sub-commission, Province of Santa Fé.—Barley. | 620 |
| <i>a</i> Wheat. | 620 | 185 Nickisch, Manuel, Province of Santa Fé.—Corn, Lima beans, etc. | 621 |
| <i>b</i> Lima beans. | 621 | 186 Iturrapse Co., Province of Santa Fé.—Wheat. | 620 |
| 155 Artasa, Santiago, Province of Catamarca.—Lima beans, Spanish peas, wheat. | 620 | 187 Bergeré, Dr., Province of Santa Fé.—Peanuts. | 620 |
| 56 Provincial Commission, Province of Catamarca. | | 188 Blanchaud, Miguel, Province of Santa Fé.—Peanuts, chic-pea, corn, and wheat. | 620 |
| <i>a</i> Corn, wheat, barley, lucern seed. | 620 | 189 Beken, Federico, Province of Santa Fé.—Wheat. | 620 |
| <i>b</i> Lima beans. | 621 | 190 Senhling, German, Province of Santa Fé.—Corn. | 620 |
| <i>c</i> Indian pepper, tobacco, cigars, etc. | 623 | 191 Pillier, N., Province of Santa Fé.—Wheat. | 620 |
| 157 Molina, José, Province of Catamarca.—Corn, wheat. | 620 | 192 Carignano Bros., Province of Santa Fé.—Wheat. | 620 |
| 158 Vega, G., Province of Catamarca.—White corn, cresenton. | 620 | 193 Vaivas, Carlos, Province of Santa Fé.—Wheat. | 620 |
| 159 Artasa, Manuel, Province of Catamarca.—Corn, etc. | 620 | 194 Provincial Commission, Province of Santa Fé.—Dry lucern, corn. | 620 |
| 160 Miranda, José A., Province of Catamarca.—White corn. | 620 | 195 Frischi, Celestino, Province of Santa Fé.—Wheat. | 620 |
| 161 Sub-commission of the Department of Ancasti, Province of Catamarca. | | 196 Arminchiardy, Juan, Province of Mendoza.—Wheat. | 620 |
| <i>a</i> Corn. | 620 | 197 Fourcade, Pedro, Province of Mendoza.—Wheat. | 620 |
| <i>b</i> Lima beans, etc. | 621 | 198 De la Cruz Videla, Juan, Province of Mendoza.—Wheat. | 620 |
| 162 Sub-commission of the District of Alto, Province of Catamarca.—White corn. | 620 | 199 Roman, Medardo, Province of Mendoza. | |
| 63 Alvarez, S., Province of Catamarca.—Seed-wheat. | 620 | <i>a</i> Wheat. | 620 |
| 164 Ahamada, B., Province of Catamarca.—Wheat. | 620 | <i>b</i> Lima beans. | 621 |
| 165 Riso, Ventura, Province of Catamarca.—Geneva wheat. | 620 | 200 Sanchez, Modesto, Province of Mendoza.—White Lima beans, striped peas. | 621 |
| 166 Herrera, Miguel, Province of Catamarca.—Wheat. | 620 | 201 Provincial Commission, Province of Mendoza.—Corn. | 620 |
| 167 Aguilar, Olegaria, Province of Catamarca.—Wheat. | 620 | 202 Agricultural Villa of Mendoza, Province of Mendoza. | |
| 168 Tula, Nabor, Province of Catamarca.—Wheat, lucern seed. | 620 | <i>a</i> Corn and wheat. | 620 |
| 169 Sub-commission of Belem, Province of Catamarca. | | <i>b</i> Lima beans and peas. | 621 |
| <i>a</i> Corn, wheat. | 620 | | |
| <i>b</i> Lima beans. | 620 | | |
| 170 Sub-commission of the Department of Pachin, Province of Catamarca.—Small corn, wheat, Geneva seed, white and yellow corn, Lima beans. | 620 | | |
| 171 Sub-commission of the Department of Santa Maria, Province of Catamarca.—Corn and wheat. | 620 | | |
| 172 Alric, Antonio, Province of San Luis.—Corn, wheat, and barley. | 620 | | |
| 173 Provincial Commission, Province of San Luis.—Corn and wheat, beans, barley, and cattle feed. | 620 | | |

Agricultural Products.

- 203** Provincial Commission, Province of Jujui.
a Rice, corn, and wheat. 620
b Indian pepper, tobacco. 623
- 204** Provincial Commission, Province of Tucuman.
a Corn, rice, wheat. 620
b Sweet potatoes, etc. 622
c Tobacco, cigars, etc. 623
- 205** Commission of the Chaco Argentine Territory.
a Corn, sugar-cane, espartillo grass. 620
b Tapoyua, used as a food; mandioca, for making starch and chipa bread, etc. 622
c Flowers made of saffron; tobacco. 623
- 206** Harbor-master, Chaco Argentine Territory.—Sugar-cane plant. 620
- 207** Ferré, Vicente, Province of Corrientes.—Sugar-canes. 620
- 208** Commission of the Province of Corrientes.
a Sugar-cane. 620
b Mandioca. 622
c Tobacco, maté herbs, etc. 623
- 209** Bella Vista Sub-commission, Province of Corrientes.
a Corn. 620
b Popi from mandioca. 622
- 210** Appleyard, Juan B., Province of Corrientes.
a Rice. 620
b Maté herbs. 623
- 211** Provincial Commission, Province of Santiago del Estero.
a Wheat. 620
b Sweet potatoes. 622
- 212** Michelond, Miguel, Province of Santa Fé.—Peach sugar-cane. 620
- 213** Provincial Commission, Province of Cordoba.
a Wheat, mustard, and beans. 620
b Sweet potatoes. 622
c Cigars, pepper, tobacco, etc. 623
- 214** Ferrando, Juan, Province of Entre-Rios.—Lima beans. 621
- 215** Escobar, Juan de Dios, Province of San Luis.—Lima beans. 621
- 216** Pouyet, Miguel, Province of Mendoza.—Cabbage, beet-root, carrots, lettuce, beans, Lima beans, peas, corn, etc. 621
- 217** Denner, Santiago, Province of Santa Fé.—Lima beans. 621
- 218** Cordoba, Demetrio, Province of Catamarca.—Lima beans. 621
- 219** Sans, N. Roca, Province of Mendoza.—Potatoes. 622
- 220** Audiolo, M., Province of Buenos Ayres.—Potatoes. 622
- 221** Polá, Juan, Province of Salta.—Potatoes, red and sweet oca oxalis. 622
- 222** Delgado, Daniel, Lamincha, Province of Catamarca.—Potatoes. 622
- 223** Maxit, José, Province of Entre-Rios.—Potatoes. 622
- 224** Pfeiffer, Pedro, Province of Santa Fé.—Potatoes. 622
- 225** Riso, Isidoro, Province of Catamarca.—Coffee. 623
- 226** Bustamante, O., Province of Catamarca.—Tobacco for cigarettes. 623
- 227** Barros, Sebastian, Province of Catamarca.—Cumin and anise. 623
- 228** Augier, Uladislao, Province of Catamarca.—Cumin. 623
- 229** Alvarez, Cruz, Province of Catamarca.—Cumin. 623
- 230** Arrillaga, Javier, Province of Corrientes.—Maté herb packed in tapir skin. 623
- 231** Vera, Matilde, Province of Corrientes.—Pigeons stuffed with maté; herbs packed in wolf skins. 623
- 232** Alegre, Fray Iman, Province of Corrientes.—Maté. 623
- 233** Beita & Co., Valentin, Province of Santa Fé.—Tobacco, coffee, pepper, cinnamon, cumin, cloves, chocolate. 623
- 234** Silva, F., Province of Santa Fé.—Arazá (a spice). 623
- 235** Aragon, S., Province of Santa Fé.—Tobacco. 623
- 236** Blanchaud, Province of Santa Fé.—Leaf tobacco. 623
- 237** Invernice, Pedro, Province of Santa Fé.—Spurge. 623
- 238** Granada, Salvador, Province of Cordoba.—Chocolate. 623
- 239** Villar, Savador, Province de Jujui.
a Coffee. 623
b Castor beans. 624
- 240** Carrillos, Pablo, Province of Jujui.—Tobacco. 623
- 241** Baigorra, José, Province of Jujui.—Wild cocoa, etc. 623
- 242** Burela, Serapio, Province of Salta.—Tobacco. 623
- 243** Davalos, Benjamin, Province of Salta.—Tobacco leaves. 623
- 244** Waile, S., Province of Salta.—Cigarettes. 623
- 245** Zolezi, Nicolas, Province of Buenos Ayres.—Snuff. 623
- 246** Lago & Son, Antonio, Province of Buenos Ayres.—Cigarettes. 623
- 247** Andes, Mendez M. de, Province of Buenos Ayres.—Cigarettes. 623
- 248** Dumas & Co., J., Province of Buenos Ayres.—Cigarettes and tobacco. 623
- 249** Coll & Co., Vitoria, Province of Buenos Ayres.—Cigarettes. 623
- 250** Schroder, Nicolas, Province of Buenos Ayres.—Leaf tobacco and cigars. 623
- 251** Lista, Manuel and Schroder, J., Province of Buenos Ayres.—Leaf tobacco. 623
- 252** Casanco, Juan, Province of Santa Fé.—Flax and spurge seed. 624
- 253** Peluffo & Co., Vicente, Province of Buenos Ayres.—Seeds. 624
- 254** Mildred, Juan, Province of Buenos Ayres.—Lucern seed. 624
- 255** Arenales, A. M. Alvarez de, Province of Buenos Ayres.—Jerusalem artichoke seed. 624
- 256** Peluffo, Angel, Province of Buenos Ayres.—Seeds; hemp and flax, lucern, lentils, palmacristi, corn, etc. 624
- 257** Denner, Santiago, Province of Santa Fé.—Tobacco seed. 624

Animals, Animal and Vegetable Products.

Land Animals.

- 258 Provincial Commission, Province of Mendoza.—Collection of birds. 635
- 259 Lemos, Abraham D., Province of Mendoza.—Hawk, woodpecker, wild sandpiper. 635
- 260 Nuñez, Santos, Province of Catamarca.—Humming-bird. 635
- 261 Franco, Luis A., Province of Catamarca.—Humming-bird. 635
- 262 Poblete, Tiburcio, Province of San Juan.—Ostrich skin. 635
- 263 Provincial Commission, Province of San Juan.—Prepared skins of tern, partridge, chimango, crow birds, etc. 635
- 264 Dominguez, José, Province of San Juan.—Prepared skins of banduria. 635
- 265 Rosario Sub-commission, Tala, Province of Entre-Rios.—Stuffed gull. 635
- 266 Goyri, Bernardo, Province of Entre-Rios.—Nest of boyero, wild bird of Gualguaychu. 635
- 267 Commission of the Province de San Luis.—Nest of hornero. 635
- 268 Provincial Commission, Province de Catamarca.
- a* Mataco and quirquincho shells. 635
- b* Wasp's nest. 638
- 269 Echevets, Gabriel, Province of Buenos Ayres.—A stuffed wildcat of Balcarce. 637
- 270 Gonzalez, Juan, Province of Buenos Ayres.—Wildcat and small fox, stuffed. 637
- 271 Valdés, Emiliano, & Cipriano, Province of Buenos Ayres.—Mouse, stuffed. 637
- 272 Rosario Sub-commission, Province of Entre-Rios.—Stuffed fox. 637
- 273 Lemos, Abraham, Province of Mendoza.
- a* Lynx, stuffed mataco, etc. 637
- b* Lizard, insects, scorpion, etc. 638
- 274 Echavarria, Cecilio, Province of Santa Fé.—Vipers. 638
- 275 Commission of the Chaco Argentino Territory.—Rattlesnake and coral viper. 638
- 276 Provincial Commission, Province of Corrientes.—Curiyú viper's skin. 638
- 277 Fernandez, Severo, Province of Corrientes.—Viper's skin. 638
- 278 Fava, Carlos, Province of Corrientes.—Viper's skin. 638
- 279 Poisson, Juan F., Province of Corrientes.—Viper's skin. 638
- 280 Bella Vista Sub-commission, Province of Corrientes.—Spiders and their silk in cocoons, vipers. 638
- 281 Gonzalez, Pedro J., Province of Corrientes.—Dissected guana (South American lizard). 638
- 282 Diaz, Eulogia, Province of Corrientes.—Stuffed viper. 638
- 283 Jurado, G. Doraliza de, Province of San Luis.—Black wasp's comb. 638
- 284 Escobar, Juan de D., Province of San Luis.—Guana lizard skin. 638
- 285 Provincial Commission, Province of San Luis.—Lizard skin. 638
- 286 Laborda, Franklin, Province of San Luis.—Insects. 638

- 287 Day, Edmundo, Province of Mendoza.—Viper. 638
- 288 Sanchez, Modesta, Province of Mendoza.—Viper. 638
- 289 Iñiguez, M. A., Province of Buenos Ayres.—Vipers in alcohol. 638

Water Animals, Fish Culture and Apparatus.

- 290 Provincial Commission, Province of Corrientes.—Shells. 645
- 291 Arteaga, Amancio, Province of Santa Fé.—Shells. 645
- 292 Provincial Commission, Province of San Juan.—Baskets. 647
- 293 Machado, Ruben, Province de Catamarca.—Basket of aibé straw. 647
- 294 Provincial Commission, Province of Salta.—Fishing-lines, etc. 647

Animal and Vegetable Products.

- 295 Parana Commission, Province of Entre-Rios.
- a* Sponges. 650
- b* Colt-grease, shad-oil, leather, skins, etc. 652
- c* Ostrich feathers. 653
- d* Sausage. 656
- e* Domestic beer, lemonade, and wine. 660
- 296 Provincial Commission, Province of Salta.
- a* Cheese. 651
- b* Viper, vicugna, lion, chinchilla, and other skins; soles. 652
- c* Honey and wax. 654
- d* Dried peaches and nuts. 656
- e* Wheat flour. 657
- f* Mandioca and wheat starch. 658
- g* Querosilla and sugar-cane syrups. 659
- h* Aguardente brandy. 660
- 297 Dubois, B. B., Province of Entre-Rios.—Cheese. 651
- 298 Vasquez, Lucrecio, Province of Cordoba.—Achala cheese. 651
- 299 Vaillard, Hipolito, Province of Santa Fé.—Cheese. 651
- 300 Provincial Commission, Province of San Luis.
- a* Butter. 651
- b* Lion, hare, fox, buck, otter, and heron skins. 652
- c* Eggs, condor and ostrich feathers. 653
- d* Palpa and honey syrups. 659
- 301 Sola, Juan, Province of Salta.
- a* Cheese. 651
- b* Paisarana, fruit of the Indian fig. 656
- 302 Linares, Calisto, Province of Salta.—Cheese. 651
- 303 Arias, Francisco, Province of Buenos Ayres.—Sheepskin. 652
- 304 Justice of the Peace of Patagones, Province of Buenos Ayres.
- a* Sheepskins. 652
- b* Ostrich feathers. 653
- c* Cherry liqueur and Chacoli wine. 660
- 305 Balcarce, German, Province of Buenos Ayres.—Sheep, goat, wild boar, otter, deer, weasel, wolf, and wild cat skins, etc. 652
- 306 Martinez, Luiz, Province of Buenos Ayres.—Hides. 652
- 307 Fragueiro, G., Province of Buenos Ayres.—Otter and sheepskins. 652

Animal and Vegetable Products.

- 308 Provincial Commission, Province of Buenos Ayres.—Sea-lion skin, ox and colt hide. 652
- 309 Valdez, Emiliano, Province of Buenos Ayres.—Lion-skin, colt, and ox-hides. 652
- 310 Fuente, Diego G. de la, Province of Buenos Ayres.—Aguara skin. 652
- 311 Berrotaran, Juan, Province of Buenos Ayres.—Lamb skins. 652
- 312 Duguit, Tomas, Province of Buenos Ayres.—Sheepskins. 652
- 313 Gomez, Lorenzo, Province of Buenos Ayres.—Flamingo skin from La Laguna de los Padres (Balcarce). 652
- 314 Mora, J., Province of Buenos Ayres.—Sheepskin. 652
- 315 Acuña, P. Garcia, Province of Buenos Ayres.—Cow tripes prepared for export. 652
- 316 Battini, Angel Pedro, Province of Buenos Ayres.—Leather soles. 652
- 317 Duportal, Emilio, Province of Buenos Ayres.—Skins. 652
- 318 Arnault, Augusto, Province of Buenos Ayres.—Domestic cat-skins for the cure of rheumatism. 652
- 319 Escalada & Co., Buenos Ayres.—Tanned and colored kid skins for gloves. 652
- 320 Bernard, Joaquin, Province of Buenos Ayres.—Sheep and lamb skins. 652
- 321 Bellocq Bros., Province of Buenos Ayres.—Calf skins. 652
- 322 Iniguez, A. Manuel, Province of Buenos Ayres.—Charcoal of curumanuel wood. 652
- 323 Jacquemard, Victor, Province of Buenos Ayres.—Animal charcoal. 652
- 324 Mujica, E. S., Province of Buenos Ayres.—Prepared blood for refining sugar and clarifying syrups. 652
- 325 Gauthier, Adolfo, Province of Buenos Ayres.—Tallow. 652
- 326 Santillan Bros. & Co., Province of Santiago del Estero.—Leather for boots and lizard leather for gaiters; skins, etc. 652
- 327 Gelos, Martin, Province of La Rioja.—Wild-boar skins. 652
- 328 Gonzalez, Joaquin, Province of La Rioja.—Lion, vicugna, and ai-ai skins. 652
- 329 Provincial Commission, Province of La Rioja.
a Leather, lion, goat, vicugna, and other skins, etc. 652
b Dried peaches, raisins, and pressed olives. 656
c Starch. 658
d Nonogasta syrup. 659
e Wine and brandy. 660
- 330 Commission of the Chaco Argentine Territory.
a Tiger, wolf, deer, cat, and lion skins, etc. 652
b Mandioca starch for making chipa bread. 653
c Guaviranú liquors, sugar cane and orange juices. 660
- 331 Provincial Commission, Province of Catamarca.
a Skins, leather, etc. 652
b Lime and orange sweetmeats. 656
c Flour. 657
- 332 Andalgalá Sub-commission, Province of Catamarca.—Vicugna, alpaca, gray fox, lamb skins, leather, etc. 652
- 333 Vergara, Alttillo, Province of Catamarca.—Swan skin. 652
- 334 Tinogasta Sub-commission, Province of Catamarca.—Lion, chinchilla, fox, wild-cat, ferret, and wild-boar skins. 652
- 335 Medina, J., Province of Catamarca.—Ampalagua skin. 652
- 336 Santa Maria Sub-commission, Province of Catamarca.—Vicugna, chinchilla, and fox skins. 652
- 337 Pachin Sub-commission, Province of Catamarca.—Wildcat, ferret, guana skins, etc. 652
- 338 Belen Sub-commission, Province of Catamarca.
a Alpaca and vicugna skins. 652
b White wine. 660
- 339 Provincial Commission, Province of Tucuman.
a Skins and leather 652
b Wheat starch. 658
c Sugar. 659
d Biscuits. 661
- 340 Provincial Commission, Province of Entre-Rios.—Swan and deer skins. 652
- 341 Victoria Sub-commission, Province of Entre-Rios.—Chajá skin. 652
- 342 Benites, A., & Co., Province of Entre-Rios.
a Grease. 652
b Wax and honey. 654
c Preserved meats, beef extracts, etc. 656
- 343 Allurralde, Punte y Carril, Province of Entre-Rios.—Horse hide. 652
- 344 Darchez, Amadeo, Province of Entre-Rios.—Sea-wolf, fox, wildcat, and otter skins, etc. 652
- 345 Barcos, Pedro P., Province of Entre-Rios.—Coati skin. 652
- 346 Rosario Sub-commission, Province of Entre-Rios.—Buck, otter, ferret, coati, lion, fox, weasel, wildcat skins, etc. 652
- 347 Victoria Sub-commission, Province of Entre-Rios.—Skins. 652
- 348 Aiurralde, Rodolfo, Province of Entre-Rios.—Wildcat skin. 652
- 349 De la Puente, Gregorio, & Del Carril, Pedro A., Province of Entre-Rios.—Sea-wolf, horse, deer skins, etc. 652
- 350 Provincial Commission, Province of Entre-Rios.—Wildcat, fox, otter skins, etc. 652
- 351 Fontes, Vicente, and Neyra, Sixto, Province of Entre-Rios.—Tiger, lion, wolf, fox, ferret, otter, rabbit, wildcat, and weasel skins. 652
- 352 Goyri, Bernardo, Province of Entre-Rios.—Fox and weasel skins. 652
- 353 Maglione, Francisco, Province of Entre-Rios.—Carpincho and deer skins. 652
- 354 Ceballos, Desiderio, Province of Salta.—Soles, black and morocco leather. 652
- 355 Saenz, Victoriano, Province of Salta.—Tiger skin. 652
- 356 Zorrilla, Benjamin, Province of Salta.—Llama skin. 652



RANDOLPH'S HAND SEED SOWER,

For Sowing all kinds of Garden Seeds, from Peas down to the smallest Seeds, with accuracy and dispatch.

It is easily operated by a lady or a child of ordinary intelligence, with a little practice. Highly recommended by some of our most experienced gardeners and farmers.

FIG. 1 shows a side view of the implement, with the manner of holding it in the hand, and position of the finger; A, hopper for containing the seeds to be sowed, inside of which is an agitator for discharging the seeds, connected with the lever D, to be kept in constant motion by the finger while in use; F, earth opener, by means of which a furrow is made for the seed; the removable sides H are perforated with holes of various sizes, adapted for the different varieties of seeds to be sown; B, cover or lid; C, handle; D, finger lever; E, spiral spring to assist in the operation of the agitator.

Its cost is trifling compared with the advantages resulting from its use. The saving in time and seeds will undoubtedly repay the outlay in the planting of a single week. \$1.25 each. Sent by mail, post-paid, to any address in the United States upon the receipt of \$1.50.

A LIBERAL DISCOUNT TO THE TRADE OR TRAVELING AGENTS.

B. K. BLISS & SONS, Sole Proprietors,
34 BARCLAY ST., NEW YORK,
IMPORTERS, GROWERS, AND DEALERS IN
Garden, Field, and Flower Seeds, Dutch Bulbous Roots, Summer Flowering
Bulbs, Fertilizers, Implements, and Garden Requisites.
SEED POTATOES A SPECIALTY.

CATALOGUES FURNISHED TO ALL APPLICANTS.

C. B. KEOGH & CO.,

MANUFACTURERS OF

DOORS,

Sashes, Blinds, Mouldings,

CUT GLASS, ETC.,

254 and 256 Canal Street,

NEW YORK.

Our Illustrated Catalogue will be sent to any one on receipt of ten cents for postage.

THE
PENNSYLVANIA RAILROAD
IS THE
GREAT TRUNK LINE
AND
FAST MAIL ROUTE
OF THE UNITED STATES.

PULLMAN PALACE CARS

ARE RUN OVER IT FROM

New York, Philadelphia, Baltimore,
and Washington,

TO

CHICAGO, **CINCINNATI,**
ST. LOUIS, **and LOUISVILLE,**

Making the **QUICKEST TIME** and passing through
the **MOST ATTRACTIVE SCENERY** on the
Continent.

EXPRESS TRAINS

Over this route run **GREATER DISTANCES WITHOUT STOP** than over
any other railway in the World.

TICKETS AND FULL INFORMATION

Can be procured at 838 Chestnut Street, Corner Broad and Chestnut Streets, No. 116 Market Street, Depot, Thirty-second and Market Streets, Centennial Depot, Philadelphia, and at the offices of the Company in all principal cities and towns.

FRANK THOMSON,
General Manager.

D. M. BOYD, Jr.,
General Passenger Agent.

Animal and Vegetable Products.

- 357 Carreras, Segundo, Province of Mendoza.—Lion skin. 652
- 358 Provincial Commission, Province of Mendoza.
 - a Fox skins. 652
 - b Ostrich feathers. 653
 - c Dried peaches, sweatmeats, preserved lemons, etc. 656
- 359 Gomez, Cecilio, Province of Mendoza.—Chancho wild-boar skin.
- 360 Ribero, Jacinto, Province of San Luis.—Wildcat skins. 652
- 361 Sierra, Ramon de la, Province of San Luis.—Aguará purse and occiput of an ostrich. 652
- 362 Lahiton, Pedro, Province of San Luis.—Tanned hides. 652
- 363 Ladies' Commission, Province of San Luis.
 - a Peach preserve, plum, melon, peach, lemon, water-melon, and quince sweetmeats, etc. 656
 - b Lemon and orange liquors. 660
- 364 Rodriguez, Severo, Province of San Juan.
 - a Tanned goat skin. 652
 - b Musk and peeled raisins. 656
 - c Wines. 660
- 365 Vidart, Juan A., Province of San Juan.—Lina hide. 652
- 366 Ruiz, Clemente, Province of San Juan.—Merino metis skin. 652
- 367 Moreno, Federico, Province of San Juan.—Ox hide. 652
- 368 Provincial Commission, Province of San Juan.
 - a Horns and fox skins. 652
 - b Raisins, preserved fruits. 656
- 369 Rodriguez, Victor, Province of San Juan.
 - a Horn combs. 652
 - b Raisins, etc. 656
 - c Wheat starch. 658
 - d Wines. 660
- 370 Provincial Commission, Province of Cordoba.
 - a Horn flasks and combs; lion, wild cat, and goat skins. 652
 - b Flava wax and honey. 654
 - c Sweetmeats. 656
 - d Flour, bran, etc. 657
 - e Indian fig-syrup. 659
- 371 Iriarte, Carlos, Province of Cordoba.—Tanned goat skins. 652
- 372 Ocampo & Acosta, Province of Cordoba.—Tanned hides. 652
- 373 Provincial Commission, Province of Jujui.
 - a Vicugna, llama, tiger, and other skins. 652
 - b Wax and wild honey. 654
 - c Dried peaches. 656
 - d Corn and wheat flour. 657
 - e Sugar. 659
 - f Querosilla mead. 660
- 374 Dagorret, Modesta, Province of Corrientes.—Tanned viper skin, sole leather, hides, etc. 652
- 375 Provincial Commission, Province of Corrientes.
 - a River-wolf skins. 652
 - b Ostrich feathers. 653
 - c Wax. 654
 - d Citron, peanut, lime, and other sweetmeats; cocoanuts. 656
- 376 Bella Vista Sub-commission, Province of Corrientes.—Sea-wolf skins. 652
- 377 Echevarria, Cecilio, Province of Santa Fé.
 - a Wolf, lion, tiger, fox, ostrich, and other skins. 652
 - b Wax. 654
 - c Wild fruit, preserved. 656
 - d Sugar-cane brandy. 660
- 378 Provincial Commission, Province of Santa Fé.
 - a Wolf, lion, goat, otter, hare, fox, deer skins, etc. 662
 - b Sweetmeats. 656
- 379 Martinez, Jonas, Province of Catamarca.—Ostrich feathers. 653
- 380 Suarez, B., Province of Santa Fé.—Ostrich feathers. 653
- 381 Soler, Ventura, Province of Entre-Rios.—Ostrich feathers. 653
- 382 Maxet, José, Province of Entre-Rios.—Honey. 654
- 383 Ivernizzi, J., & Toschini, J., Province of Entre-Rios.—Wax. 654
- 384 Otero, José, Province of Buenos Ayres.—Honey and wax. 654
- 385 Barraquero, Carmen, Province of Mendoza.
 - a Wax and honey. 654
 - b Preserves. 656
 - c Grape, quince, and cherry syrups. 659
 - d White wine. 660
- 386 Pouyet, Miguel, Province of Mendoza.
 - a Honey. 654
 - b Nuts, almonds, and fruits. 656
 - c Cognac and wines. 660
- 387 Aragon, J. M., Province of Santa Fé.—Honey. 654
- 388 Iramon, Juan, Province of Santa Fé.—Honey and wax. 654
- 389 Doraliza, G. de Jurado, Province of San Luis.—Honey 654
- 390 Albarracin, Saturnino, Province of San Juan.—Wax. 654
- 391 Cortinez, Domitilo, Province of San Juan.—Honey. 654
- 392 Piñero, Aurelio, Province of Cordoba.—Wax. 654
- 393 Passel, Teodoro, Province of Cordoba.—Wax. 654
- 394 Cespedes, José, Province of Mendoza.—Dried apples and figs. 656
- 395 Godoy, Nicolas, Province of Mendoza.—Preserved citrons. 656
- 396 Sanchez, Modesto, Province of Mendoza.—Preserved grapes. 656
- 397 Chaves, Rosaura, Province of Mendoza.—Olives. 656
- 398 Campos, Enrique, Province of Mendoza.
 - a Milk-extract. 656
 - b Orange-wine, anisette. 660
- 399 Rufino, Gerónimo C., Province of San Juan.—Musk-grape raisins. 656
- 400 Ramirez, & Co., Province of San Juan.—Raisins. 656
- 401 Sarmiento, J. L., Province of San Juan.
 - a Raisins. 656
 - b Brandy. 660
- 402 Bates, Benjamin, Province of San Juan.
 - a Almonds and raisins. 656
 - b Flour and bran. 657

Animal and Vegetable Products.

- 403 Herrera, P. J., Province of San Juan.—Nuts. 656
- 404 Mazo, Julian, Province of San Juan.—Raisins and figs. 656
- 405 Herrera, José, Province of San Juan.—Almonds. 656
- 406 Tacheret, Carlos, Province of San Juan.—Figs. 656
- 407 Tacheret, Emilio, Province of San Juan.—Figs. 656
- 408 Jones, Fabian, Province of San Juan.—Figs. 656
- 409 Jofré, Ramon, Province of San Juan.
a Figs. 656
b Wines and vinegar. 660
- 410 Frias, Salvador, Province of San Juan.—Musk raisins. 656
- 411 Ruiz, Clemente S., Province of San Juan.—Nuts. 656
- 412 Aguilar, J. M., Province of San Juan.—Carob. 656
- 413 Governor of the Province, Province of Jujui.—Nuts. 656
- 414 Bascuñan, Francisco, Province of La Rioja.—Dried figs. 656
- 415 Olivera, Bernardo, Province of La Rioja.—Dried figs. 656
- 416 Gonzales, Ventura, Province of La Rioja.
a Raisins and dried peaches. 656
b Nonogasta syrup. 659
c Wine. 660
- 417 Larrohona, Pedro, Province of La Rioja.—Raisins. 656
- 418 Garcia, Domingo, Province of La Rioja.
a Raisins. 656
b Nonogasta syrup. 659
c Wine, brandy, and anisette. 660
- 419 Dávila, Carmen T., Province of La Rioja.—Preserved olives, lime and peach preserves, and cayote sweetmeat. 656
- 420 Bustos, Sophia G., Province of La Rioja.—Quince preserve. 656
- 421 Treloar, Guillermo, Province of La Rioja.
a Carob paste. 656
b Wines. 660
- 422 Monjon, Mercedes I., Province of Catamarca.—Musk-raisins. 656
- 423 Santa Colonna, Isaac, Province of Catamarca.—Raisins, preserves, etc. 656
- 424 Herrera, Ramon, Province of Catamarca.—Musk-raisins. 656
- 425 Delgado, Manuel, Province of Catamarca.—Dried figs. 656
- 426 Medina, Luis R., Province of Catamarca.—Nuts. 656
- 427 Aguero, Patricia, Province of Catamarca.—Musk raisins. 650
- 428 Franco, Luis A., Province of Catamarca.—Candied quinces. 656
- 429 Acosta, Maria E., Province of Catamarca.—Candied quinces. 656
- 430 Colodrero, A., Province of Corrientes.—Yatay palm cocoanuts. 656
- 431 Videla, Victor, Province of San Luis.
a White carob and carob paste. 650
b Syrup, etc. 657
- 432 Escobar, Juan D., Province of San Luis.
a Dried figs and peaches. 656
b Wine and carob mead. 660
- 433 Ronchetti, Valentin, Province of Santa Fé.—Pickled partridges. 656
- 434 Nikisch, Manuel, Province of Santa Fé.—Pickled tongues. 656
- 435 Garvino, Signor, Province of Entre-Rios.—Salt meat and tongues. Gelatine. 656
- 436 Valdes, Emiliano and Cipriano, Province of Buenos Ayres.—Salt tongues and beef, etc. 656
- 437 Olidon, Tomas, Province of Buenos Ayres.
a Sheep tongue, dried mutton and beef. 656
b Cognac bitters. 660
- 438 Berisco, Juan, & Co., Province of Buenos Ayres.—Dried tongues. 656
- 439 Cambaceres, Antonio, Province of Buenos Ayres.—Jerked beef and salt tongues. 656
- 440 Roverano Bros., Province of Buenos Ayres.—Sweetmeats in syrup. 656
- 441 Ledesma, Hermanos, Province of Entre-Rios.—Wheat flour. 657
- 442 Colla, Juan, Province of Entre-Rios.—Chivilcoy flour. 657
- 443 Cabilla, A., Province of Entre-Rios.—Grits. 657
- 444 Buada, F., Province of Entre-Rios.—Flour. 657
- 445 Dubois, José B., Province of Entre-Rios.—Flour. 657
- 446 Berizo, Domingo, Province of Entre-Rios.—Flour. 657
- 447 Crespo, Manuel, Province of Entre-Rios.—Flour. 657
- 448 Pillier, N., Province of Santa Fé.—Flour. 657
- 449 Iturraspe & Co., Province of Santa Fé.—Bran, flour. 657
- 450 Wart, Carlos, Province of Santa Fé.—Flour. 657
- 451 Quellet, Enrique, Province of Santa Fé.—Wheat flour. 657
- 452 Boner, G., Province of Santa Fé.—Flour. 657
- 453 Lubary, Tomas, Province of Santa Fé.—Flour. 657
- 454 Afrank & Lami, Province of Santa Fé.—Flour. 657
- 455 Fristchi, Celestino, Province of Santa Fé.—Wheat flour. 657
- 456 Gallo, B., Province of San Juan.—Flour and bran. 657
- 457 Frias, Salvador, Province of San Juan.—Flour and Chingo flour. 657
- 458 Appleyard, T. B., Province of Corrientes.
a Mandioca flour. 657
b Mandioca starch. 658
- 459 Fourcade, Pedro, Province of Mendoza.—Flour and bran. 657
- 460 Casas, Molino, Province of Mendoza.—Flour. 657
- 461 Arminchiardi, Juan, Province of Mendoza.—Corn meal and flour. 657
- 462 Tillar, Carlos, Province of Jujui.—Flour. 657

Vegetable Products, Wines, Textile Substances.

- 463 Alric, Antonio, Province of San Luis.—Flour and bran. 657
- 464 Provincial Commission, Province of Santiago del Estero.—Flour. 657
- 465 Arminchiardi, Juan, Province of Mendoza.—Macaroni, vermicelli, and vermicelli cheese. 658
- 466 Navarro, Cornelio, Province of Mendoza.—Wheat starch. 658
- 467 Gazzo, Luis, Province of Santa Fé.—Vermicelli. 658
- 468 Dávila, Nicolasa, Province of La Rioja.—Nonogasta syrup. 659
- 469 Dávila, Guillermo, Province of La Rioja.—Nonogasta syrup. 659
- 470 Gordillo, Alcibiades, Province of La Rioja.—Nonogasta syrup. 659
- 471 Dominguez, José D., Province of San Juan.—Syrup. 659
- 472 Ovefero, Sisto, Province of Salta.—Sugar. 659
- 473 Figueroa, José E., Province of Catamarca.—Syrup. 659
- 474 Brisuela, Primitivo, Province of Catamarca.—Grape syrup. 659
- 475 Araoz, Adelaida, Province of Catamarca.—Grape syrup. 659
- 476 Costelo, Guadalupe, Province of Catamarca.—Grape syrup. 659
- 477 Leri, Petrona, Province of Catamarca.—Grape syrup. 659
- 478 Agnero, Patricia, Province of Catamarca.—Grape syrup. 659
- 479 Aybar, J. R., Province of Catamarca.—Grape syrup. 659
- 480 Laborda, Franklin, Province of San Luis.—Orange, lemon, currant, banana, and peach syrup. 659
- 481 Bagley, M. S., Province of Buenos Ayres.—Bitters. 660
- 482 Pizzona, Miguel, Province of Buenos Ayres.—White and red wines. 660
- 483 Plá, José, & Co., Province of Buenos Ayres.—Anisette brandy. 660
- 484 Loy, José, Province of Buenos Ayres.—Hesperidina bitters. 660
- 485 Nuttall, Enrique, Province of Buenos Ayres.—Hesperidina bitters. 660
- 486 Calatroni, Pedro, Province of Buenos Ayres.—Banana balm, bittersweet tonic, and liquors. 660
- 487 Alemana, Cervecería, Province of Buenos Ayres.—Chivilcoy beer. 660
- 488 Hanot, Jorge, Province of Buenos Ayres.—Orange-flower water, Chartreuse and Kerman liquor. 660
- 489 Dominguez, José, Province of San Juan.—Vinegar. 660
- 490 Terramola, Delfin, Province of San Juan.—Wine and vinegar. 660
- 491 Zavalla, Pedro J., Province of San Juan.—Wine. 660
- 492 Quiroga, Isidro, Province of San Juan.—White wine. 660
- 493 Quiroga, Abraham, Province of San Juan.—Wine. 660
- 494 Balaquer, Juan E., Province of San Juan.—White and red wine. 660
- 495 Coll, Francisco M., Province of San Juan.—Bordeaux wine. 660
- 496 Doncel, Rosauo, Province of San Juan.—Wine. 660
- 497 Doncel, José E., Province of San Juan.—Trinidad wine. 660
- 498 Carraffa, Vicente, Province of San Juan.—Wines and brandy. 660
- 499 Herrera, Pedro, Province of San Juan.—Brandy. 660
- 500 Baca, Vicente, Province of San Juan.—Brandy. 660
- 501 Castro, Saturnino, Province of San Juan.—Brandy. 660
- 502 Espada, Tadeo, Province of San Juan.—Wine. 660
- 503 Dejorti, Eusebio, Province of San Juan.—Wine. 660
- 504 Lemaistre, Hilario, Province of Mendoza.—Wines, quince, gin, ratafia, and cherry liquors. 660
- 505 Blanco, Eusebio, Province of Mendoza.—Wines. 660
- 506 Guerin, Eugenio, Province of Mendoza.—Wines. 660
- 507 Michel, Salvador, Province of Salta.—Wines. 660
- 508 Fleming, M., Province of Salta.—Wine. 660
- 509 Dávalos, Asuncion, Province of Salta.—Wine. 660
- 510 Morales, Emilio, Province of Salta.—Bitters; cumin, orange and vanilla liquors, cocoa extract, banana balm, cognac, etc. 660
- 511 Flores, Nicanor, Province of Salta.—Wines. 660
- 512 Ovefero, Sisto, Province of Salta.—White wine. 660
- 513 Lopez, Filipe, Province of Salta.—Wines. 660
- 514 Velez, Amadeo, Province of Salta.—Wine. 660
- 515 Alvarez, Francisco, Province of La Rioja.—White wines. 660
- 516 Dávila, Bonifacio, Province of La Rioja.—Wines and anise brandy. 660
- 517 Dávila, Domingo, Province of La Rioja.—Wines. 660
- 518 Gordillo, Alcibiades, Province of La Rioja.—Wines. 660
- 519 Dávila, Guillermo, Province of La Rioja.—Wines. 660
- 520 Chaves, Crisologo, Province of La Rioja.—Wines and anise brandy. 660
- 521 Dávila, Nicolasa V. de, Province of La Rioja.—Wines. 660
- 522 Gonzalez, Zoraida Dávila de, Province of La Rioja.—Mint, coffee, orange, cocoa, and Peruvian bark, liquors. 660
- 523 Muro, Froilan, Province of Catamarca.—Wine. 660
- 524 Augier, Uladislao, Province of Catamarca.—Wine. 660
- 525 Lafone y Gueveda, Samuel A., Province of La Rioja.—Wines, cognac, and liquors. 660
- 526 Franco, Luis A., Province of Catamarca.—Wines. 660
- 527 Figueroa, Molas, & Co., Province of Catamarca.—Wine. 660

Vegetable Products, Wines, Textile Substances.

- 528 Narvaez, Dermidio, Province of Catamarca.—Wines and brandies. 660
- 529 Miranda, José A., Province of Catamarca.—Wine and brandy. 660
- 530 Figueroa, Manuel, Province of Catamarca.—Wine. 660
- 531 Cisneros, Juan B., Province of Catamarca.—Wine and brandy. 660
- 532 Teferina, Daniel, Province of Catamarca.—Wines. 660
- 533 Molina, Mardogneo, Province of Catamarca.—Wine. 660
- 534 Ageret, H., Province of Corrientes.—Lime and orange liquors. 660
- 535 Villa, Luis, Province of Corrientes.—Sugar-cane juice. 660
- 536 Alzric, Antonio, Province of San Luis.—Soda water and lemonade. 660
- 537 Billar, Salvador, Province of Jupui.—Sugar-cane brandy. 660
- 538 Gibelli, S., Province of Entre-Rios.—Wine. 660
- 539 Clavarino, S., Province of Entre-Rios.—Wine. 660
- 540 Campora, A., Province of Entre-Rios.—Wine. 660
- 541 Conte Gran, Anselmo, Province of Entre-Rios.—Vermouth wine and elixir. 660
- 542 Costa, Luis, Province of Santa Fé.—Cognac, vermouth wine, and liquors. 660
- 543 Defagot, Cipriano, Province of Entre-Rios.—Peach liquor. 660
- 544 Magdelin, Fernando, Province of Santa Fé.—Beer. 660
- 545 Fontam, Luis F., Province of Santa Fé.—Anise liquor. 660
- 546 Bagley, M. S., & Co., Province of Buenos Ayres.—Biscuits and crackers. 661
- 547 Bromvers, Enrique, Province of Buenos Ayres.—Crackers and biscuits. 661
- 548 Masset, Gustavo, Province of Buenos Ayres.—Crackers. 661
- 549 Bergeré, D., Province of Santa Fé.—Peanut oil. 662
- Textile Substances of Vegetable or Animal Origin.**
- 550 Rizo, Isidoro, Province of Catamarca.—Palo borracho cotton. 665
- 551 Provincial Commission, Province of Catamarca.—Cotton and raw palo borracho cotton. 665
- 552 Colina, J. N., Province of Rioja.—Cotton grown in Vinchina. 665
- 553 Dávila, Guillermo, Province of La Rioja.—Cotton. 665
- 554 Alvarez, Francisco, Province of La Rioja.—Cotton. 665
- 555 Wurffbain, Gustavo, Province of La Rioja.—Cotton. 665
- 556 Molma, Mardoqueo, Province of La Rioja.—Cotton and cotton pods. 665
- 557 Provincial Commission, Province of Salta.
a Cotton. 665
b Chaguar thread and bark, yuchan fibre. 666
c Bristle rope and fabrics for sieves. 669
- 558 Fava, Carlos, Province of Corrientes.—Cotton, ramuhú cotton. 665
- 559 Bella Vista Sub-commission, Province of Corrientes.
a Raw cotton. 665
b Wool. 667
- 560 Commission of the Chaco Argentine Territory.—Cotton. 665
- 561 Provincial Commission, Province of San Luis.
a Cotton. 665
b Wool. 667
- 562 Invernizzi, I., and Toschini, J., Province of Entre-Rios.—Cotton. 665
- 563 Parana Commission, Province of Entre-Rios.
a Ropes made of caraguatá bark, chard, yatay, palm. 666
b Wild silk cocoons. 668
- 564 Commission of the Province of Corrientes.—Ropes made of caraguatá fibre. 666
- 565 Torre, Esteban N., Province of Corrientes.—Caraguatá fibres. 666
- 566 Gelabert, Miguel, Province of Corrientes.—Caraguatá fibre cord. 666
- 567 Roibon, Enrique, Province of Corrientes.—Caraguatá fibre. 666
- 568 Lescano, José D., Province of Corrientes.—Caraguatá leaves. 666
- 569 Gelos, Martin, Province of La Rioja.—Feather-grass. 666
- 570 Carreras, Rosaura C., Province of Mendoza.—Chard thread. 666
- 571 Provincial Commission, Province of Mendoza.—Hemp and ropes. 666
- 572 Commission of the Province of Santiago del Estero.—Prepared chaguar. 666
- 573 Billar, Salvador, Province of Jujui.—Chaguar and yuchan ropes. 666
- 574 Galarani, Carlos, Province of Buenos Ayres.—Spun flax and flax-straw. 666
- 575 Meyer, E., Province of Santa Fé.—Flax. 666
- 576 Cataneo, Juan, Province of Santa Fé.—Raw flax. 666
- 577 Stegman, Jorge, Province of Buenos Ayres.—Wool. 666
- 578 Morgan, N., Province of Buenos Ayres.—Wool. 666
- 579 Peyredieu & Bradley, Province of Buenos Ayres.—Wool. 666
- 580 Martinez & Laplaceta, Province of Buenos Ayres.—Wool. 666
- 581 Molina, Juan C., Province of Buenos Ayres.—Alpaca wool. 666
- 582 Guevara, Edelmira L. de, Province of Buenos Ayres.—Fleece of Angora goat. 666
- 583 Guerrero, Carlos I., Province of Buenos Ayres.—Wool. 666
- 584 Duportal, Emilio, Province of Buenos Ayres.—Wool. 666
- 585 Chas, Francisco, Province of Buenos Ayres.—Fleece of Negretti lamb. 666
- 586 Nazar & Co., Romulo, Province of Buenos Ayres.—Wool. 666
- 587 Latham, Wilfredo, Province of Buenos Ayres.—Merino wool, etc. 666

Textile Substances, Agricultural Machines, Fertilizers.

- | | | | |
|--|-----|---|-----|
| 688 Moras, José, Province of Buenos Ayres.—Wool. | 667 | 612 Galarani, Carlos, Province of Buenos Ayres.—Wool. | 667 |
| 689 Durand, Augusto, Province of Buenos Ayres.—Wool. | 667 | 613 Vazquez, Lucrecio, Province of Cordoba.—Wool. | 667 |
| 690 Castes, Mariano Artayeta, Province of Buenos Ayres.—Wool. | 667 | 614 Gomez, Fecundino, Province of Mendoza.—Wool. | 667 |
| 691 Unzué, Mariano, Province of Buenos Ayres.—Wool. | 667 | 615 Gonzalez, Daniel, Province of Mendoza.—Wool. | 667 |
| 692 Classen, Enrique, Province of Buenos Ayres.—Wool. | 667 | 616 Davila, Bonifacio, Province of La Rioja.—Wool. | 667 |
| 693 Tucker, I. E. C., Province of Buenos Ayres.—Wool. | 667 | 617 Gavino, Domingo, Province of Entre-Rios.—Wool. | 667 |
| 694 Iraizo, Geronimo, Province of Buenos Ayres.—Wool. | 667 | 618 Denis, Francisco Antonio, Province of Entre-Rios.—Wool. | 667 |
| 695 Frers, German, Province of Buenos Ayres.—Wool. | 667 | 619 Puente, Gregorio F. de la, Province of Entre-Rios.—Wool. | 667 |
| 696 Justice of the Peace of Patagones, Province of Buenos Ayres.—Wool. | 667 | 620 Correa, Benedicto, Province of San Juan.—Wool. | 667 |
| 697 Clarke, Carlos, Province of Buenos Ayres.—Wool. | 667 | 621 Rodriguez, Estanislao, Province of San Juan.—Alpaca wool. | 667 |
| 698 Huergo, Aureliano, Province of Buenos Ayres.—Wool. | 667 | 622 Ravalla, Lorenzo, Province of San Juan.—Angora wool. | 667 |
| 699 Valdese, Emiliano & Cipriano, Province of Buenos Ayres.—Wool. | 667 | 623 Echevarria, Cecilio, Province of Santa Fé.—Angora wool. | 667 |
| 700 Rubiaurre, Ovidio, Province of Buenos Ayres.—Wool. | 667 | 624 Newton, Ricardo, Province of Buenos Ayres.—Silk, spun and in cocoons. | 668 |
| 701 Gutierrez, Gervasio, Province of Buenos Ayres.—Wool. | 667 | 625 Peluffo, Angel, Province of Buenos Ayres.—Silk in cocoons. | 668 |
| 702 Perez, Enrique, Province of Buenos Ayres.—Wool. | 667 | 626 Justice of the Peace of San Vicente, Province of Buenos Ayres.—Horse-hair. | 669 |
| 703 Corrales, I. W., Province of Buenos Ayres.—Wool. | 667 | 627 Provincial Commission, Province of Buenos Ayres.—Cow-hair. | 669 |
| 704 Gregoire, N., Province of Buenos Ayres.—Wool. | 667 | 628 Commission of the Province of Tucuman.—Hair-ropes. | 669 |
| 705 Provincial Commission of the Province of Buenos Ayres.—Wool. | 667 | Agricultural Engineering and Administration. | |
| 706 Camblond, M., Province of Buenos Ayres.—Wool. | 667 | 629 Carenon, E., and J. Lacroze, Province of Buenos Ayres.—Model of a pump. | 680 |
| 707 Bonnement, I. B., Province of Buenos Ayres.—Wool. | 667 | 630 Silveira, Agustin, Province of Buenos Ayres.—Artificial manure. | 681 |
| 708 Bernard, Joaquin, Province of Buenos Ayres.—Wool. | 667 | 631 Jacquemard, Victor, Province of Buenos Ayres.—Artificial manure. | 681 |
| 709 Schweikart, Andrés, Province of Buenos Ayres.—Wool. | 667 | 632 Mujica, E. S., Province of San Juan.—Artificial manure from boiled and dried blood. | 681 |
| 710 McClymont, Guillermo, Province of Buenos Ayres.—Wool. | 667 | | |
| 711 Hale, Samuel B., Province of Buenos Ayres.—Wool. | 667 | | |

EXHIBITIONS OF LIVE STOCK.

1. The live stock display at the International Exhibition will be held within the months of September, October, and November, 1876; the periods devoted to each family being as follows: Horses, mules, and asses, from September 1st to 14th. Dogs from September 1st to 8th. Horned cattle, from September 21st to October 4th. Sheep, swine, and goats, from October 10th to 18th. Poultry will be exhibited from October 27th to November 6th.

2. Animals to be eligible for admission to the International Exhibition must be, with the exception of trotting stock, walking horses, matched teams, fat and draught cattle, of such pedigree that the exhibitor can furnish satisfactory evidence to the Chief of Bureau, that as applied to thorough-bred horses, as far back as the fifth generation of ancestors on both sides, they are of pure blood and of the same identical breed. As to short-horned cattle, they are registered in either Allen's, Alexander's, or the English herd-books. As to Holsteins, Herefords, Ayrshires, Devons, Guernseys, Brittanys, Kerrys, and other pure breeds, they are either imported or descended from imported animals on both sides. As to Jerseys, they are entered in the Herd Register of the American Jersey Cattle Club, or in that of the Royal Agricultural Society of Jersey. As to sheep or swine they are imported or descended from imported animals, and that the home-bred shall be of pure blood as far back as the fifth generation.

3. The term breed, as used, is intended to comprehend all family divisions, where the distinction in form and character dates back through years of separation; for instance, it is held that the progeny of a pure-blood Jersey and a pure-blood Guernsey is not a thorough-bred but a cross-bred animal, and, as such, is necessarily excluded.

4. In awarding prizes to animals of pure blood, the judges will take into consideration chiefly the relative merits as to the power of the transmission of their valuable qualities; a cardinal object of the Exhibition being to promote improvement in breeding stock.

5. In case of doubt relative to the age of an animal, satisfactory proof must be furnished or the animal will be subject to examination by a veterinary surgeon; and should the state of dentition indicate that the age has not been correctly stated, the person so entering as an exhibitor will be prohibited from exhibiting in any class.

6. The forms of classification for awards, as given under each head, are intended (except in the case of trotting stock, walking horses, matched teams, fat and draught cattle) to apply to the animals of any pure breed that are entered for competition.

7. The Exhibition being open to the world, it is of the first importance that the best of their kind only be brought forward, as the character of the stock will be judged by the general average of those exhibited.

8. Exhibitors will be expected to furnish their own attendants, on whom all responsibility of the care of feeding, watering, and cleaning the animals, and also of cleaning the stalls, will rest.

9. Forage and grain will be furnished at cost prices, at depots conveniently located within the grounds. Water can be had at all hours, ample facilities being provided for its conveyance and distribution throughout the stock yards.

10. Exhibitors must supply all harness, saddlery, vehicles, and other appointments, and all such must be kept in their appointed places.

11. The Commission will erect ample accommodation for the exhibition and protection of live stock, yet contributors who may desire to make special arrangements for the display of their stock, will be afforded facilities at their own cost. Fractious animals, whether stallions, mares with foals, or bulls, will be provided with stalls of suitable character.

12. All stalls will be regularly and distinctly numbered; corresponding numbers on labels of uniform character will be given to each exhibitor, and no animal will be allowed to pass from its stall without its proper number attached.

13. Numbers alone will distinguish stock in the show yards, preceding the awards of prizes.

14. The judges of live stock will make examination of all animals on the opening day of each serial show, and will for that day have exclusive entrance to the show yard.

15. No premium will be awarded an inferior animal, though there be no competition.

16. All animals will be under the supervision of a veterinary surgeon, who will examine them before admission, to guard against infection, and who will also make a daily inspection and report. In case of sickness the animal will be removed to a suitable inclosure especially prepared for its comfort and medical treatment.

17. When animals are taken sick, the exhibitors may either direct the treatment themselves, or allow the veterinary surgeon appointed by the Commission to treat the case. In this latter event the exhibitor will be charged for all expenses incurred. All possible care will be taken of animals exhibited, but the Commission cannot be held responsible for any injury or accident.

18. A ring will be provided for the display and exercise of horses and cattle.

19. On the last day of each serial show, a public auction may be held of such animals as the exhibitors may desire to sell. Animals may be sold at private sale at any time during their exhibition. During the period of a serial show, no animal, even in the event of being sold, will be allowed to be definitely removed.

20. An official catalogue of the animals exhibited will be published.

21. Exhibitors of thoroughbred animals must, at the time of making their entries, file with the Chief of the Bureau a statement as to their pedigree, affirmed or sworn to before an officer authorized to take affidavits, and the papers so filed shall be furnished to the Jury of Experts.

22. The ages of live stock must be calculated up to the opening day of the exhibition of the class to which they belong.

23. Sheep breeders, desiring to exhibit wool, the produce of the flocks, will display not less than five fleeces.

24. All animals must be entered according to the prescribed rules as given in forms of entry, which forms will be furnished on application to the Chief of the Bureau of Agriculture.

BREEDING HORSES.

Mares entered as breeding animals must have had foals within one year of the show, or if in foal, certificates must be furnished to that effect.

All foals exhibited must be the offspring of the mare with which they are at foot.

Awards will be made to respective breeds for pure bred turf stallions, six years and over; pure bred turf stallions, over four years and under six years; pure bred turf stallions, over two years and under four years; pure bred turf mares, six years and over; pure bred turf mares, over two and under six years.

Awards will be made for trotting stallions, six years and over; trotting stallions, over four years and under six; trotting stallions, over two years and under four; pure bred draught stallions, six years and over; pure bred draught stallions, over four years and under six years; pure bred draught stallions, over two years and under four years; pure bred draught mares, six years and over; pure bred draught mares, over two and under six years; trotting brood mares, six years and over; trotting fillies, over four years, and under six; trotting fillies, over two years and under four.

RUNNING AND TROTTING HORSES

Shall be judged according to their record up to August 15th, 1876, due regard being had to present condition.

Awards will be made for running horses having made fastest record; trotting stallions having trotted a mile within two-thirty; mares and geldings having trotted a mile within twenty-five.

WALKING HORSES.

Fast-walking horses, whether bred for agricultural purposes or the saddle, will compete in the ring for awards.

MATCHED TEAMS.

Awards will be made for matched teams having trotted a mile in two-thirty-five; matched stallions for heavy draught, over sixteen hands high, and over fifteen hundred pounds weight each; matched geldings for heavy draught, over sixteen hands high, and over fifteen hundred pounds weight each; matched mares for heavy draught, over fifteen hands high, and over fourteen hundred pounds weight each, matched mules for heavy draught, over fifteen and a half hands high, and over thirteen hundred pounds weight each.

BREEDING ASSES.

Awards will be made to respective breeds of pure bred jacks over six years; pure bred jacks over three years and under six; pure bred she-asses over six years; pure bred she-asses over three years and under six.

NEAT CATTLE.

No cow will be eligible for entry unless accompanied with a certificate that, within fifteen months preceding the show, she had a living calf, or that the calf, if born dead, was born at its proper time. No heifer entered as in calf will be eligible for a prize unless accompanied with a certificate that she had been bulled before the first of April, or presents unmistakable proof of the fact to the judges. No bull above one year old can be entered unless he have a ring in nose, and the attendant be provided with a leading stick, which must be used whenever the animal is taken out of stall.

Awards will be made for the best herd of each respective breed, consisting as follows: one bull, four cows, none under fifteen months.

Neat cattle, of each respective breed, will compete individually for awards: bulls, three years and over; bulls over two years and under three years; bulls over one year and under two years; cows four years and over; cows over three and under four years; cows or heifers in calf, over two years and under three years; yearling heifers. A sweepstake award will be made for the best bull of any breed. A sweepstake award will be made for the best cow of any breed.

FAT AND DRAUGHT CATTLE.

Animals entered as fat and draught cattle need not be of pure blood, but will compete on individual merits. Fat cattle must be weighed, and in general those will be judged best which have the greatest weight with the least surface and offal.

Awards will be made for best fatted steer of any age and breed; best fatted cow of any age or breed; most powerful yoke of oxen; most rapidly walking yoke of oxen; most thoroughly trained yoke of oxen; most thoroughly trained team of three or more yokes of oxen.

BREEDING SHEEP.

All sheep offered for exhibition must be accompanied with certificate to the effect that they have been shorn since the first of April, and the date given. If not fairly shorn, or if clipped so as to conceal defects, or with a view to improve the form or appearance, they will be excluded from competition.

Awards will be made to respective breeds for the best pen of five animals of same flock and including one ram, the ewes all having had living lambs the past spring.

Awards will be made to respective breeds for rams two years and over; shearling rams.

A sweepstake award will be made for the best ram, respectively of long, middle, and fine woolled breeds.

Awards will be made to respective breeds for ewes in pens of three, all having had living lambs; shearlings in pens of three.

A sweepstake award will be made for the best pen of three breeding ewes, respectively of long, middle, and fine woolled breeds.

FAT SHEEP.

Fat sheep entered for competition must be weighed, and in general those will be judged best which have the greatest weight, with the least surface and offal.

Awards will be made for pen of three best fatted sheep of each breed; pen of three best fatted sheep of any breed.

BREEDING SWINE.

Every competing sow above one year old must have had a litter, or be in pig, and the owner must bring proof of these facts if required. If a litter of pigs be sent with a sow, the young pigs must be sucklings, the offspring of the sow, and must not exceed the age of three months.

Awards will be made to respective breeds for the best pen of one boar and two breeding sows; for pen of sow and litter.

Awards will be made to respective breeds for boars two years old and over; boars one year old and under two years; boars between nine months and one year; breeding sows two years old and over; breeding sows one year old and under two years; pen of three sow pigs between nine months and one year.

A sweepstake award will be made for the best boar of any breed. A sweepstake award will be made for the best sow of any breed.

FAT SWINE.

Fat swine entered for competition must be weighed, and, in general, those will be judged best which have the greatest weight, with the least surface and offal.

Awards will be made for pairs of best fatted hogs of each breed; pairs of best fatted hogs of any breed.

DOGS.

Benches will be furnished free of charge. Exhibitors may themselves assume the cost of attendance upon their animals, but to provide for them who cannot conveniently attend the Exhibition, the Commission will assume the expenses of feeding and daily care, upon the payment of an attendance charge of three dollars upon each animal.

Awards will be made to respective breeds for dogs of two years and over; dogs of one year and under two; pups.

A sweepstake award will be made for the best dog of any breed displayed by a foreign exhibitor. A sweepstake award will be made for the best home-bred dog of any breed.

Awards will be made to respective breeds for bitches of two years and over; bitches of one year and under two; bitch pups.

A sweepstake award will be made for the best bitch of any breed displayed by a foreign exhibitor. A sweepstake award will be made for the best home-bred bitch of any breed.

POULTRY.

Poultry can only be exhibited in coops made after specifications furnished by the Bureau of Agriculture. The Commission will furnish coops and attendance upon payment of one dollar on each bird of the gallinaceous division, and two dollars on each pair of the aquatic division.

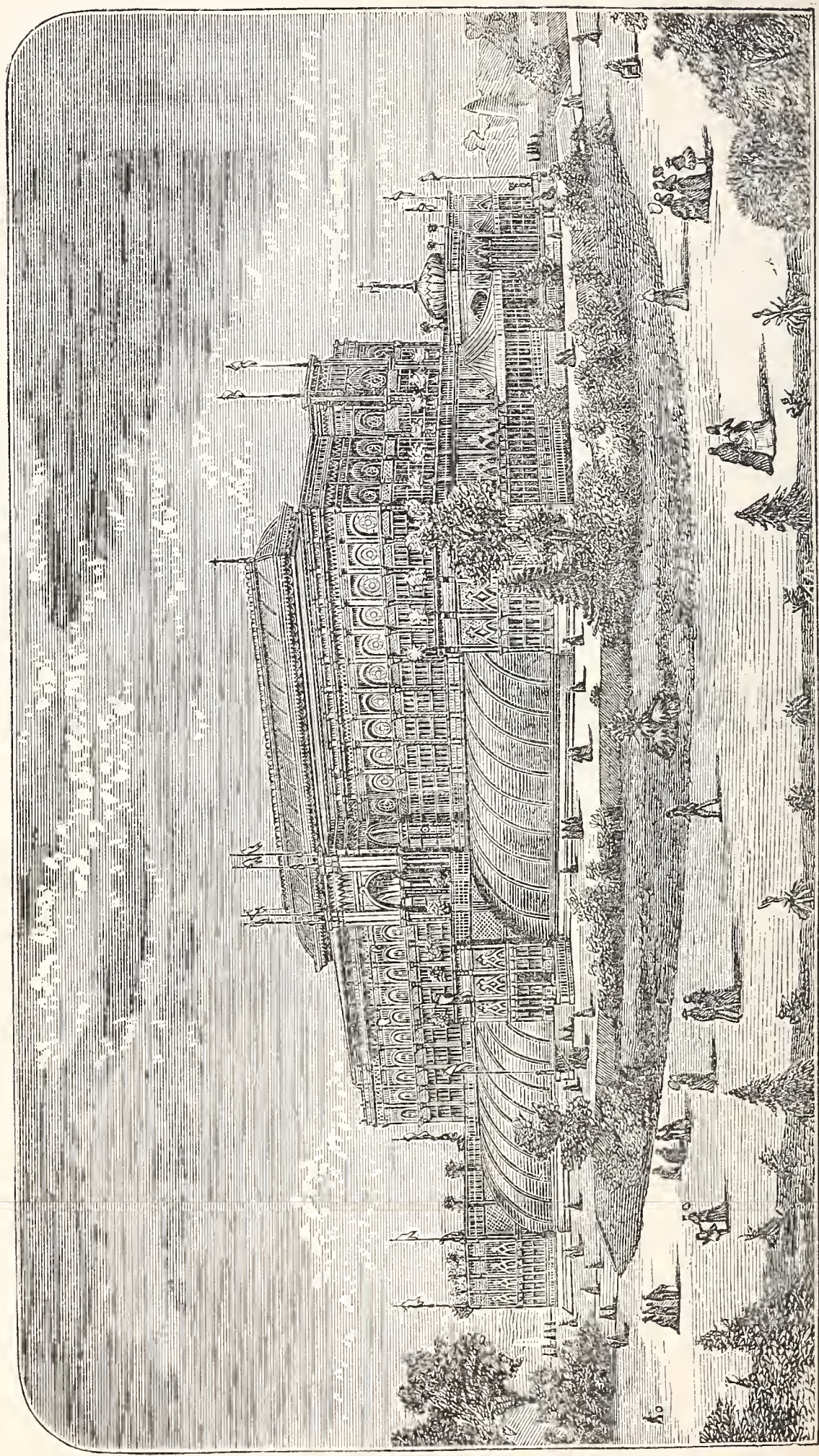
Awards will be made to respective breeds for pairs of one year and over, of chickens, turkeys, ducks, geese, swans, pigeons, guineas, and ornamental birds; for pairs under one year.

FISH.

Living fishes will be displayed in both fresh and salt water aquaria.

Awards will be made for largest display of fish of each species; largest display of fish of all species.

DEPARTMENT OF HORTICULTURE.



HORTICULTURAL HALL.

HORTICULTURAL HALL. No. 160.

Size 383 by 193 feet.

Architect, H. J. SCHWARZMAN.

Contractor, JOHN RICE, Philadelphia.

Wrought iron furnished by KEYSTONE BRIDGE COMPANY, Pittsburgh, Pa.

Cast iron furnished by SAMUEL J. CRESSWELL, Philadelphia.

Painting by JOSEPH CHAPMAN, Philadelphia.

Masonry by MOORE & SCATTERGOOD, Philadelphia.

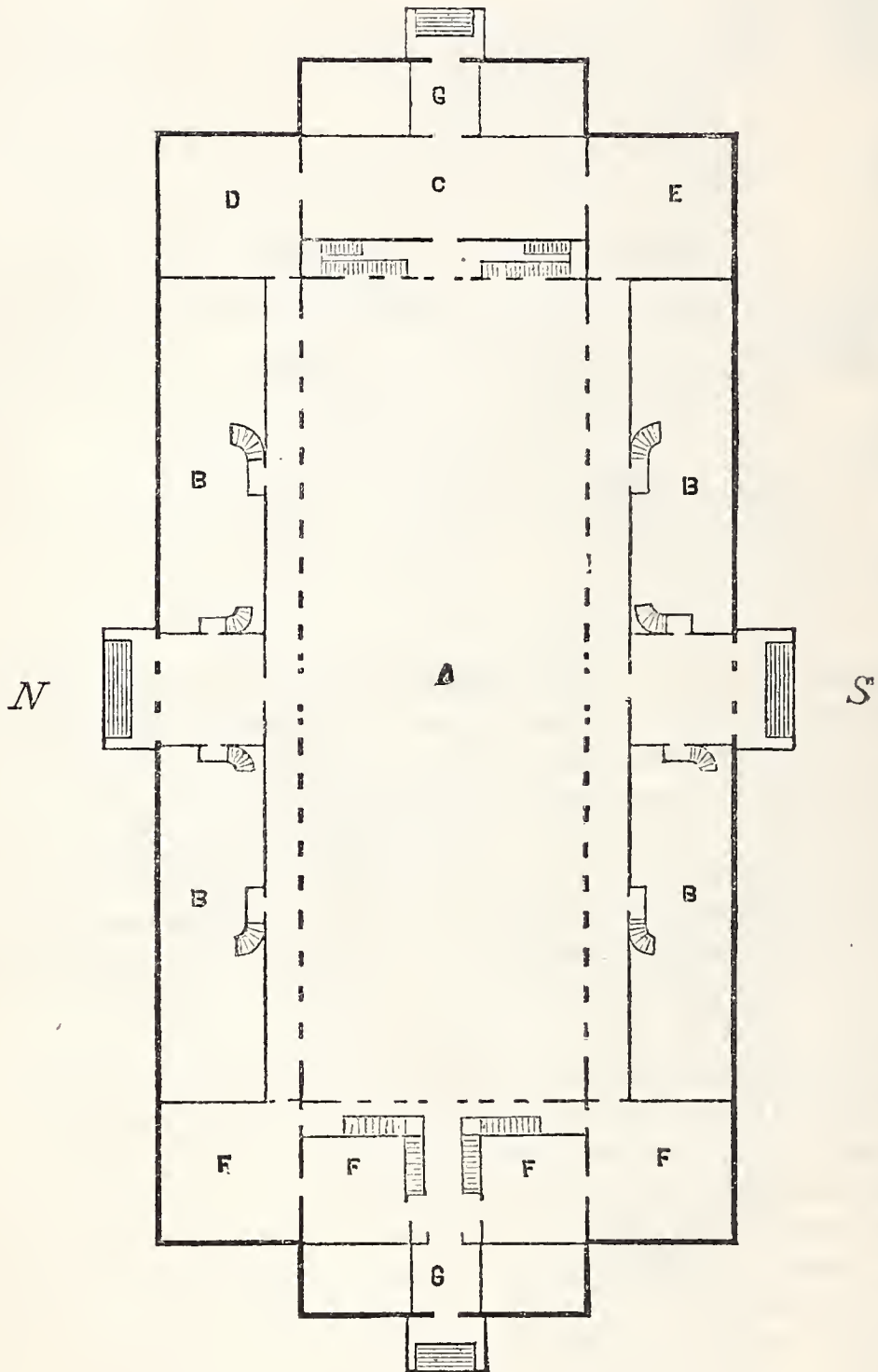
APPROPRIATIONS of the City of Philadelphia have provided the Horticultural Building, which is to remain in permanence as an ornament of Fairmount Park. It is on the Lansdowne Terrace, a short distance north of the Main Building and Art Gallery, and has a commanding view of the Schuylkill river and the northwestern portion of the city. The design is in the Moorish style of architecture of the twelfth century, the principal materials externally being iron and glass. The main floor is occupied by the central conservatory, 230 by 80 feet, and 55 feet high, surmounted by a lantern 170 feet long, 20 feet wide, and 14 feet high. Running entirely around this conservatory, at a height of 20 feet from the floor, is a gallery 5 feet wide. On the north and south sides of this principal room are four forcing houses for the propagation of young plants, each of them 100 by 30 feet, covered with curved roofs of iron and glass. Dividing the two forcing houses in each of these sides is a vestibule 30 feet square. At the centre of the east and west ends are similar vestibules, on either side of which are the restaurants, reception room, offices, etc. From the vestibules ornamental stairways lead to the internal galleries of the conservatory, as well as to the four external galleries, each 100 feet long and 10 feet wide, which surmount the roofs of the forcing houses. These external galleries are connected with a grand promenade, formed by the roofs of the rooms on the ground floor, which has a superficial area of 1800 square yards.

The east and west entrances are approached by flights of blue marble steps from terraces 80 by 20 feet, in the centre of each of which stands an open kiosk 20 feet in diameter. The angles of the main conservatory are adorned with eight ornamental fountains. In the basement, which is of fireproof construction, are the kitchen, storerooms, coal-houses, ash-pits, heating arrangements, etc.

The ground was graded and the foundations of Horticultural Hall laid on May 1st, 1875. The building was finished April 1st, 1876. It covers an area for exhibition purposes of 122,500 square feet, and cost about \$300,000. This building will be permanent.

HORTICULTURAL HALL.

Scale, 80 ft. to 1 in.



A Floral Hall.
B Greenhouse.

C Restaurant.
D Ladies' Room.

E Gentlemen's Room.
F Offices.

G Kiosque.
H Vestibule.

Total Length, 350 ft. Width, 160 ft. Height, 65 ft.

CLASSIFICATION.

DEPARTMENT VII.—HORTICULTURE.

ORNAMENTAL TREES, SHRUBS, AND FLOWERS.

- CLASS 700.—Ornamental trees and shrubs, evergreens.
CLASS 701.—Herbaceous perennial plants.
CLASS 702.—Bulbous and tuberous rooted plants.
CLASS 703.—Decorative and ornamental foliage plants.
CLASS 704.—Annuals and other soft-wooded plants, to be exhibited in successive periods during the season.
CLASS 705.—Roses.
CLASS 706.—Cactacea.
CLASS 707.—Ferns, their management in the open air and in ferneries, wardian cases, etc.
CLASS 708.—New plants, with statement of their origin.
CLASS 709.—Floral designs, etc.—Cut flowers, bouquets, preserved flowers, leaves, seaweeds. Illustrations of plants and flowers.—Materials for floral designs. Bouquet materials, bouquet holders, bouquet papers, models of fruits, vegetables, and flowers.

HOTHOUSES, CONSERVATORIES, GRAPERIES, AND THEIR MANAGEMENT.

- CLASS 710.—Hothouse and conservatory plants.
CLASS 711.—Fruit trees under glass.
CLASS 712.—Orchids and parasitic plants.
CLASS 713.—Forcing and propagation of plants.
CLASS 714.—Aquatic plants under glass, or in aquaria, etc.
CLASS 715.—Horticultural buildings, propagating houses, hotbeds, etc., and modes of heating them. Structures for propagating and forcing small fruits.
CLASS 716.—Portable or movable orchard houses and graperies, without artificial heat. Frames, beds.

GARDEN TOOLS, ACCESSORIES OF GARDENING.

- CLASS 720.—Tools and implements.—Machines for the transplanting of trees, shrubs, etc. Portable forcing pumps, for watering plants in greenhouses and methods of watering the garden and lawn.
CLASS 721.—Receptacles for plants.—Flower pots, plant-boxes, tubs, fern cases, jardinieres, etc. Window gardening. Plant and flower stands, ornate designs in iron, wood, and wire.
CLASS 722.—Ornamental wirework, viz.: fences, gates, trellis bordering of flower beds, porches. Park seats, chairs, garden statuary, vases, fountains, etc. Designations, labels, numbers.

GARDEN DESIGNING, CONSTRUCTION, AND MANAGEMENT.

- CLASS 730.—Laying out gardens.—Designs for the laying out of gardens, and the improvement of private residences. Designs for commercial gardens, nurseries, graperies. Designs for the parterre. Books on gardening.
CLASS 731.—Treatment of water for ornamental purposes, cascades, fountains, reservoirs, lakes.
CLASS 732.—Formation and after-treatment of lawns.
CLASS 733.—Garden construction, buildings, etc.—Rockwork, grottoes. Rustic constructions and adornments for private gardens and public grounds.
CLASS 734.—Planting, fertilizing, and cultivating.



UNITED STATES.

Trees, Shrubs, Flowers, Hot-House Plants.

Ornamental Trees, Shrubs, Flowers, and Floral Designs.

- 1 Wharton, Joseph, Philadelphia, Pa.
—Eucalyptus globulus. 700
- 2 Lovering, Joseph S., Philadelphia, Pa.—Decorative foliage, plants, etc. 703
- 3 Graham, Hugh, Philadelphia, Pa.
a Decorative and ornamental foliage plants, palms, etc. 703
b Begonias, soft-wooded plants, etc. 704
c Ferns, in collection, floral designs, and cut flowers. 709
- 4 Pennock Brothers, Philadelphia, Pa.
a Foliage plants. 703
b Cut-flower designs. 709
- 5 The Misses Richardson, Philadelphia, Pa.—Cactus. 706
- 6 Fitzgerald, R., Philadelphia, Pa.—Cactus. 706
- 7 Miller & Sievers, San Francisco, Cal.
a Collection of Pacific coast cactus. 706
b Collection of ferns. 707
- 8 Such, George, South Amboy, N. J.
a Decorative and ornamental foliage plants. 703
b Cactus, in collection. 706
c New plants. 708
- 9 Moon, Mahlon, & Son, Morrisville, Pa.—Collection of ferns. 707
- 10 Dick, John, Philadelphia, Pa.
a Cactus. 706
b Ferns. 707
c Floral designs, cut flowers, bouquets, etc. 709
- 11 Miller & Hayes, Philadelphia, Pa.—Tree ferns from Australia. 707
- 12 Parsons, S. B., & Sons, Flushing, N. Y.
a Varieties of ferns. 707
b Skeleton plants. 709
- 13 Sturtevant, Edmund D., Borden-town, N. J.—Ferns. 707
- 14 Saunders, William, Washington, D. C.—New and rare plants. 708
- 15 Freeman, J. R., Georgetown, D. C.—Seedling begonia (large leaved species). 708
- 16 Dreer, Henry A., Philadelphia, Pa.—Floral designs, ferns in ferneries and in wardian cases. 707
- 17 Henderson, Peter, New York, N. Y.—Wire designs for cut flowers, bouquet papers, and materials. 709
- 18 Marot, Charles H., Philadelphia, Pa.—“The Gardener’s Monthly.” 709
- 19 Parisian Flower Co., New York, N. Y.—Artificial tropical leaf-plants and bouquets. 709
- 20 Kresken, H. Acosta, Cincinnati, Ohio.—Preserved flowers, leaves, grasses, bouquets, baskets, crowns, etc. 709

- 21 Cook, Mrs. O. A., San Francisco, Cal.—Preserved natural flowers. 709
- 22 Rolker, August & Sons, New York, N. Y.—Preserved flowers and grasses, bouquet papers, tin foil, wire, frames, etc. 709
- 23 Leopold, Emil L., New York, N. Y.—Fancy flower baskets, in straw, different shapes and styles. 709
- 24 Le Mout, Adolphe, New York, N. Y.—Preserved flowers, representation of a lake with natural water lilies. 709
- 25 Jansen, Edward, New York, N. Y.—Fancy flower baskets, imitation coral, white gilt, straw, brown willow, and fancy wire. 709
- 26 Siebrecht, H. A., & Co., New York, N. Y.—Cut flowers, floral designs. 709
- 27 Williamson, A. & H. A., Philadelphia, Pa.—Wax models of fruits, vegetables, flowers, ferns, autumn and foliage leaves. 709
- 28 Moffatt, Isaac, Philadelphia, Pa.—Models of named American fruits, facsimile of choice specimens. 709
- 29 Brossé, Madame S. C., San Francisco, Cal.—Collection of California sea mosses. 709
- 30 Long Brothers, Buffalo, N. Y.—Floral designs representing the construction of monograms, initials, etc. 709
- 31 Klag, Philip, New York, N. Y.—Preserved natural flowers. 709

Hot-Houses, Conservatories, Graperies, and their Management.

- 32 Saunders, William, Washington, D. C.—Collection of American economic plants. 710
- 33 Graham, Hugh, Philadelphia, Pa.—Hot-house and conservatory plants, crotons, etc. 710
- 34 Lovering, Joseph S., Philadelphia, Pa.—Hot-house and conservatory plants. 710
- 35 Price, Stephen S., Philadelphia, Pa.—Hot-house and conservatory plants. 710
- 36 Committee of the Congressional Library of the United States (Botanic Garden), Washington, D. C.—Official, medicinal, tropical, and semi-tropical plants. 710
- 37 United States Agricultural Department, Washington, D. C.—Official and medicinal plants, mahogany, cocoa, chocolate, guava, papaw, rose apple, etc. 710
- 38 Baldwin, Mrs. M. W., Philadelphia, Pa.—Hot-house and conservatory plants. 710
- 39 Zoological Society, Philadelphia, Pa.—Australian tree fern. 710
- 40 Bines, Samuel M., Philadelphia, Pa.—India rubber tree. 710

Hot-House Plants and Appliances, Gardening Implements.

- 41 Merryweather, Ann E., Camden, N. J.—Aloe. 710
- 42 Sellers, John, jr., Philadelphia, Pa.—Hot-house and conservatory plants. 710
- 43 Cummings, William, Philadelphia, Pa.—Orange tree, banana, ivy, and date palm. 710
- 44 Faust, William F., Philadelphia, Pa.—Philodendron pertuosum and water lily. 710
- 45 Mackenzie, Thos. J., Philadelphia, Pa.—Hot-house and conservatory plants, plants of commerce. 710
- 46 Siebrecht, H. A., & Co., New York, N. Y.—Palms, ferns, and tropical plants. 710
- 47 Cuthbert, Allen, Philadelphia, Pa.—Orange tree. 710
- 48 Guischard, E. L., Philadelphia, Pa.—Lemon tree. 710
- 49 Danfield, I. P., Philadelphia, Pa.—Wax plant. 710
- 50 Abbott, Charles F., Philadelphia, Pa.—Century plants (green and striped), sago palm. 710
- 51 Abeshire, Mrs. R., Gallipolis, Ohio.—Night-blooming cereus. 710
- 52 Agnew, Hannah M., Philadelphia, Pa.—Banana. 710
- 53 Morris, Galloway C., Philadelphia, Pa.—Hot-house and conservatory plants. 710
- 54 Hoffner, Jacob, Cincinnati, Ohio.—Sago palm over 100 years old, belonged to Robert Morris in 1776. 710
- 55 Stokton, John A., Philadelphia, Pa.—Fig tree. 710
- 56 Weightman, William, Philadelphia, Pa.—Hot-house and conservatory plants. 710
- 57 Hance, A., & Sons, Red Bank, N. J.—Cycas revoluta.
- 58 Schaffer, William L., Philadelphia, Pa.—Sago palms. 710
- 59 Cope, Alfred, Philadelphia, Pa.—Century plants. 710
- 60 Such, George, South Amboy, N. J.
 - a Ferns, hot-house, and conservatory plants. 710
 - b Orchids, etc. 712
- 61 Clark, E. W., Philadelphia, Pa.—Century plants. 710
- 62 Sturtevant, Edmund D., Bordentown, N. J.—Orchids and parasitic plants. 712
- 63 Moon, Mahlon, & Son, Morrisville, Pa.
 - a Banana, and variegated pineapple. 710
 - b Aquatic plants in cases. 714
- 64 Wilson, John G., New York, N. Y.—Portable green-house boiler, hot water pipe with vapor pan attached. 715
- 65 Jordan Horticultural Co., St. Louis, Mo.—Heating apparatus for green-houses. 715
- 66 Smith & Lynch, Boston, Mass.—Portable boilers for heating green-houses. 715
- 67 Ellis, Charles R., New York, N. Y.—Base-burning boilers for heating green-houses, graperies, etc. 715

Garden Tools, Accessories of Gardening.

- 68 Allen, R. H., & Co., New York, N. Y.—Comstock sower and horticultural tools. 720
- 69 Jones, John M., Palmyra, N. Y.—Garden and floral cultivators. 720
- 70 Wheeler, W. F., Boston, Mass.—Hose liquid distributor, watering pot, insect annihilator, for garden and field, liquid manure distributor. 720
- 71 Moon, Mahlon, & Son, Morrisville, Pa.
 - a Wheel hoe. 720
 - b Vase. 721
 - c Lead label. 722
- 72 Dreer, Henry A., Philadelphia, Pa.
 - a Tools and implements. 720
 - b Receptacles for plants, fern cases, etc. 721
- 73 Bingham, O. A., Keene, N. H.—Revolving flower stand. 721
- 74 Hews, A. H., & Co., North Cambridge, Mass.—Flower pots, hanging pots, ferneries, garden vases, etc. 721
- 75 Pierce, Mrs. M. R., New York, N. Y.—Window attachments and other improved flower stands with water receptacle, sprinkling pan, and draining saucer. 721
- 76 Chase, James, Rochester, N. Y.—Combined aquarium, plant stand, bird cage, and fernery. 721
- 77 McClunie, Thomas, Hartford, Conn.—Drainer and evaporator with globe attachments for pots, vases and hanging baskets. 721
- 78 Rolker, August & Sons, New York, N. Y.—Flower pots, boxes, fern cases, flower stands, etc. 721
- 79 Hills, George, Plainville, Conn.—Flower stand with fountain attachment. 721
- 80 Perine, M., & Sons, Baltimore, Md.—Flower pots, stone and fancy earthenware. 721
- 81 Pennock Brothers, Philadelphia, Pa.—Wardian cases, ferneries with shades 721
- 82 Hess, John M., & Sons, Philadelphia, Pa.—Chandelier designs with baskets, hanging baskets, hanging ferneries, vases, etc. 721
- 83 Freeman & Smith, Racine, Wis.
 - a Aquaria, ferneries, etc. 721
 - b Iron furniture, lawn ornamental iron work. 722
- 84 Racine Hardware Co., Racine, Wis., New York, N. Y.
 - a Plant and flower stands, ferneries, aquariums, etc. 721
 - b Fountains, vases, settees, etc. 722
- 85 Galloway & Graff, Philadelphia, Pa.
 - a Parlor vases, window boxes, pots, fern cases, baskets, etc. 721
 - b Terra-cotta statuary, vases, tazzas, pedestals. 722
- 86 Page, W. H., & Co., Greenville, Conn.
 - a Plant stands. 721
 - b Trellises. 722
- 87 Bauroth, Wirtz, Springfield, Ohio.
 - a Flower stand. 721
 - b Lawn and garden wrought iron furniture. 722

Garden Ornaments, Designs, Tools, Ornamental Plants.

- 88 Balderston, George, Coloma, Md.—Sectional vases. 722
- 89 Henderson, Peter, Jersey City, N. J.—Pot plant, garden and veranda trellises. 722
- 90 Harvey & Adamson, Philadelphia, Pa.—Oriental and Japanese garden vases, statuary, etc. 722
- 91 American Fountain Works, New York, N. Y.—Crystal fountains, self-acting. 722
- 92 J. L. Mott Iron Works, New York, N. Y.—Garden statuary, vases, etc. 722
- 93 Sanguinetti, Percy A., Philadelphia, Pa.—Glass-covered metallic labels, tree-protecting boxes. 722
- 94 Mayer, Charles, Baltimore, Md.—Self-acting water fountain. 722
- 95 Bancroft, J. A., & Co., Philadelphia, Pa.—Lawn settees. 722
- 96 Mueller, Quackenboss & Co., Philadelphia, Pa.—Vases in artificial stone designs. 722
- 97 Brown, J. Morton, Philadelphia, Pa.—Grape-vine trellises. 722
- 98 Moorhead Clay Works, Philadelphia, Pa.—Terra-cotta vases. 722
- Garden Designing, Construction, and Management.**
- 99 Miller & Hayes, Philadelphia, Pa.—Designs for laying out gardens and improving country residences. 730
- 100 Shove, Geo. A., Dighton, Mass.—Designs for sanatorium. 730
- 101 Weidenmann, Jacob, New York, N. Y.—Set of plans for beautifying and improving country homes; survey, drainage, planting, and general maps. 730
- 102 Heissinger, F. X., New York, N. Y.—Designs for landscape gardening. 730
- 103 McClunie, Thomas, Hartford, Ct.
a Designs for laying out gardens, and the improvement of public grounds. 730
b Metallic lawn gutters, curb, and drain. 733
- Ornamental Trees, Shrubs, and Flowers.**
- 104 Bingham, Rudolphus, Camden, N. J.—Water lilies. 702
- 105 Mackenzie, Thomas J., Philadelphia, Pa.—Decorative foliage plants. 703
- 106 Dreer, Henry A., Philadelphia, Pa.
a Bulbous and tuberous-rooted plants. 702
b Ornamental foliage plants. 703
c Annuals and soft-wooded plants. 704
d Ferns, in ferneries and wardian cases. 707
- 107 Maginly, Thomas J., Philadelphia, Pa.
a Annuals and other soft-wooded plants. 704
b Roses, in collection. 705
- 108 Moon, Mahlon, & Son, Morrisville, Pa.
a Ornamental trees, shrubs, etc. 700
b Herbaceous plants. 701
c Gladiolus, dahlias, etc. 702
d Flowering and ornamental plants, etc. 703
e Soft-wooded plants. 704
f Roses, in collection. 705
g New plants. 708
- 109 Felton, A. L., Philadelphia, Pa.
a Herbaceous perennial plants. 701
b Bulbous and tuberous-rooted plants. 702
c Annuals and other soft-wooded plants. 704
- 110 Sturtevant Edmund D., Bordentown, N. J.
a Herbaceous plants. 701
b Ferns. 707
- 111 Such, George, South Amboy, N. J.
a Ornamental trees, shrubs, etc. 700
b Herbaceous perennial plants. 701
c Bulbous and tuberous-rooted plants. 702
- 112 Dick, John, Philadelphia, Pa.
a Ornamental trees, shrubs, etc. 700
b Decorative and ornamental plants. 703
c Soft-wooded plants. 704
d Roses. 705
e New plants. 708
- 113 Wilson, William C., Astoria (L. I.), N. Y.—Plants for flower beds. 703
- 114 Henderson, Peter, Jersey City, N. J.—Geraniums and verbenas. 704
- 115 Meehan, Thomas, Philadelphia, Pa.
a Hardy trees and shrubs. 700
b New plants. 708
- 116 Zeller, Charles, Flatbush, N. Y.—Monthly carnations. 701
- 117 Compondu, Louis F., New Brighton, N. Y.—Pansies. 708
- 118 Hance, A., & Son, Red Bank, N. J.—New hardy ornamental plants and trees. 708
- 119 Parsons, S. B., & Sons, Flushing, N. Y.
a Deciduous trees, evergreens, and shrubs. 700
b New plants from Japan. 708
- 120 Hoopes, Bro. & Thomas, West Chester, Pa.
a Conifers. 700
b Ivies. 703
- 121 Parsons, R. B., & Co., Flushing, N. Y.
a Evergreen trees and shrubs, conifers, rhododendrons, kalmias, etc., deciduous trees, magnolias, azaleas, etc. 700
b Roses, in collection. 705
- 122 Miller & Hayes, Philadelphia, Pa.
a Ornamental trees and shrubs. 700
b Decorative plants. 703
c Roses, in collection. 705
- 123 Buist, Robert, Philadelphia, Pa.
a Ornamental trees and shrubs, abies and retinospora, from Japan. 700
b Roses, in collection. 705
c New plants; clematis veronica from Japan. 708
- 124 Moore, Samuel H., junior, Philadelphia, Pa.—Fig tree. 700
- 125 Hexamer, F. M., New Castle, N. Y.—Begonia Froebellii, a new bedding plant, Mont Blanc, a new hybrid. 708
- Garden Tools, Accessories of Gardening.**
- 126 Peck & Skilton, Westville, Conn.
a Rustic goods for house. 721
b Rustic goods for grounds. 722
- 127 Theodore, J. L., Mott Iron Works, New York, N. Y.—Iron and zinc fountain. 722
- 128 Hanson, F. O., Philadelphia, Pa.—Galvanized railing, fences, gates, seats, vases, etc. 722

Garden Ornaments, Accessories, and Designs.

- 129 Gossin, F., Philadelphia, Pa.—Terra-cotta vases. 722
- 130 Mitchell, Wilson, Philadelphia, Pa.—Potsilica (artificial stone) fountain basins, vases, tiles, etc. 722
- 131 Walker, M., & Sons, Philadelphia, Pa.—Wrought-iron railing, ornamental gates, farm and hurdle fence, wirework 722
- 132 Brown, J. Morton, Philadelphia, Pa.—Grape-vine trellises. 722
- 133 O'Brien Bros., Yonkers, N. Y.
 a Hanging baskets, etc. 721
 b Rustic gates, settees, chairs, stands, vases, etc. 722
- 134 Moorhead Clay Works, Philadelphia, Pa.—Terra-cotta vases. 722

Garden Designing, Construction, and Management.

- 135 Sturtevant, Edmund D., Bordentown, N. J.—Rustic adornments. 733
- 136 O'Brien Bros., Yonkers, N. Y.—Rustic summer-houses, etc. 733
- 137 Peck & Skilton, Westville, Ct.—Rustic buildings. 733
- 138 Lebanon Building and Paving Block Company, Lebanon, Pa.—Building blocks of annealed slag paving. 733
- 139 Pacific Guano Co., Boston, Mass.—Machines, materials, staple products of the soil of the United States, specimen plants fertilized with guano. 734

GREAT BRITAIN.

Ornamental Trees and Shrubs.

- 1 Veitch, James, & Sons, Royal Exotic Nursery, London.—Conifers, rhododendrons, hollies, and evergreens. 700

- 2 Waterer, Anthony, Knap Hill Nursery, Woking, Surrey.—Rhododendrons and azaleas (*in tent*). 700

CANADA.

Gardening Appliances.

Garden Tools, Accessories of Gardening.

- 1 Wells, William, Beamsville, Ont.—Flower-pot and saucers. 721
- 2 Ahern, J. H., Paris, Ont.—Flower-pots and saucers. 721
- 3 Pratt, Chorless, London, Ont.—Flower-pots and saucers. 721

- 4 Welding, E., Brantford, Ont.—Flower-pots and saucers. 721
- 5 Farrar, G. H., & L. E., St. John, Q.—Fancy flower-pots. 721
- 6 Hobson, Walter, Quebec, Q.—Flower-pots. 721
- 7 Ney & Ely, Berlin, Ontario.—Bug-catcher. 720

FRANCE.

Ornamental Plants, Hot-Houses, Ornaments, Designs.

Ornamental Trees, Shrubs, and Flowers.

- 1 Roempler, L., Nancy.—Ornamental plants. 700
- 2 Leroy, Louis, Angers, Maine-and-Loire.—Ornamental plants and fruit trees. 700
- 3 Verdier, E., senior, Paris.—Gladiolus. 702
- 4 Verdier, Charles, Paris.
a Gladiolus. 702
b Roses. 705
- 5 Vilmorin, Andrieux, & Co., Paris.—Seeds, flowers, and vegetables. 709

Hot-Houses, Conservatories, Graperies.

- 6 Roempler, L., Nancy.—Hot-house plants. 710
- 7 Pinel, C. P., Paris.—Application of electricity to germination and fructification. 713
- 8 Lichtenfelder, Paris.—Monumental hot-houses. 715

Garden Tools, Accessories of Gardening.

- 9 Couette, La Briche, Seine.—Portable tents, kiosk, and sheds; folding arm-chairs, bedsteads. 722
- 10 Durenne, A., Paris.—Monumental fountain. 722
- 11 Lichtenfelder, Paris.—Garden furniture: elastic seats; iron gates and trellises. 722
- 12 Phiry, J., jr., Paris.—Trellises and galvanized iron fences. 722
- 13 Walcker, W., Paris.—Garden seats. 722

Garden Designing, Construction, and Management.

- 14 Bonvoisin, A., Paris.—Garden plans. 730
- 15 Duvillers, F., Paris.—Park and garden plans; books on parks and gardens. 730
- 16 Vilmorin, Andrieux, & Co., Paris.—Photographs of flowers, vegetables, and plants; samples of seeds. 730
- 17 Ratinet, Paris.—Rocky grotto. 733

NETHERLANDS.

Fruit Trees, Ornamental Plants, Flowers.

Ornamental Trees, Shrubs, and Flowers.

- 1 Galesboot, J. P. R., Amsterdam.—Fruit trees. 700
- 2 Boer, W. C., Boskoop.—Ornamental trees and shrubs. 700
- 3 Krelage, J. H., Haarlem.—Bulbs. 700
- 4 Hes. Az. P. van, Boskoop.—Trees, shrubs, and flowers. 700
- 5 Horticultural Association, Haarlem.—Bulbs. 702
- 6 Groenewegen, A. C., Haarlem.—The flowers of Haarlem. 709

SWEDEN.

Garden Tools.

Garden Tools, Accessories of Gardening.

- 1 Von Essen, H. H., Baron, Tidaholm.—Gardeners' Scissors.

ARGENTINE REPUBLIC.

Ornamental Plants, Designs.

Ornamental Trees, Shrubs, and Flowers.

- 1 Provincial Commission, Province of Santiago del Estero.—Cacti. 706
- 2 Fuente, Diego de la, Province of Corrientes.—Caraguata plant. 706
- 3 Gelos, Martin, Province of La Rioja.—Scarlet oak, coccus cacti.

- 4 Provincial Commission, Province of Mendoza.—Cacti. 706
- 5 Provincial Commission, Province of Cordoba.—Cacti. 706

Garden Designing, Construction, and Management.

- 6 Forkel, F., Province of Buenos Ayres.—Projected plan of the park “3d of February.” 730

INDEX OF EXHIBITORS.

DEPARTMENTS VI., VII.

Aass, P. L., Beer, 49.
 Abbott, C. F., Plants, 80.
 Abeles, H., Wine, 43.
 Abeshire, Mrs. R., Cereus, 80.
 Aburicy, Dr., Wood, 54.
 Academy of Natural Sciences, Birds, 17.
 Acclimatization and Agricultural Society, 50.
 Ackermann, L., Liqueurs, 42.
 Acosta, M. E., Conserves, 66.
 Acuna, F., Barley, 60.
 Acuna, P. G., Tripes, 64.
 Adorno Puma, G., Wine, 53.
 Adriance, Platt, & Co., Reapers, 23.
 Adwell, R., Ale, 33.
 Afrank & Lami, Flour, 66.
 Ageret, H., Lime, 68.
 Agnero, P., Raisins, 66; Syrup, 67.
 Agnew, Eisenbeis, & Co., Vinegars, 16.
 Agnew, H. M., Banana, 80.
 Agnini, T., Liquors, 53.
 Agosti Bros., Fruits, 51.
 Agostini, D. S., Wine, 52.
 Agrarian Committee of Chiavari, Cheese, 50.
 Agrarian Committee of S. Martino, Grains, 50.
 Agrarian Committee, Wine, 52.
 Agricultural Association, 45.
 Agricultural Committee of Palmero, 50.
 Agricultural Institute, Wool, 57.
 Agricultural Institute, 56.
 Agricultural School of Santa Catalina, Bee-hives, 58; Corn, 60.
 Agricultural Union, 39.
 Agricultural Villa of Mendoza, Corn, 61.
 Aguer, L., Maté, 56.
 Aguilar, F. D., Woods, 58.
 Aguilar, J. M., Carob, 66; Corn, 60.
 Aguilar, O., Wheat, 61.
 Ahamada, B., Wheat, 61.
 Ahern, J. H., Flower-pots, 82.
 Alagoas, Province of, Plants, 55, 56; Wool, 57; Woods, 54.
 Albarracin, S., Wax, 65.
 Albergotti, G. & A., Bros., Wine, 53.
 Albemarle Swamp Land Co., Shingles, 15.
 Albiate, E. D., Duca, 52.
 Albion Coffee Huller Co., 25.
 Alces, G., Cigars, 16.
 Aldrich, P. W., Birds, 17.
 Alegre, F. J., Herbs, 62.
 Alemana, C., Beer, 67.
 Alexander & Son, Confectionery, 33.
 Allan, J. U., Peas, 33.
 Allen, F., & Sons, Confectionery, 30.
 Allain, J., Kid, 37.
 Allen, D. R., Woods, 31.
 Allen, J. F., & Co., Tobacco, 16.
 Allen's, J. J., Sons, Fertilizers, 27.
 Allen, R. H., & Co., Corn husker, 25; Tools, 80.
 Allen, S. L., & Co., Tools, 22.
 Alling, P., Cultivator, 22.
 Allurralde, P., & Co., Horsehide, 64.
 Allurralde, R., Skins, 64.
 Almen, von, Kopp, Absinthe, 44.
 Alnarps Agricultural Institute, 48.

Alonso, M., Wheat, 59.
 Alric, A., Corn, 61; Flour, 67.
 Alvarez, C., Cumin, 62.
 Alvarez, F., Nuts, 59; Wheat, 61.
 Alvarez, S., Wheat, 61.
 Alves, A., Coffee, 55.
 Alves & Co., Liquor, 57.
 Alto, Sub-Commission of, Corn, 61.
 Alvarenga, Dr., Flour, 56.
 Alvarez, F., Wines, 67; Cotton, 68.
 Aly, A., Barley, 40.
 Alzric, A., Soda water, 68.
 Amafil, B., Corn, 60.
 Amaral, F. do, Coffee, 55.
 Amaral, T. do, Coffee, 53.
 Amato Bros., Fruits, 51.
 Amazonas, Province of, Tobacco, 55; Guano, 57; Hides, 56; Woods, 54.
 American Champagne Co., 19.
 American Condensed Milk Co., 17.
 American Desiccating Co., 18.
 American Fountain Works, 81.
 American Linen Thread Co., 20.
 American Sardine Co., 17.
 American Shearer Manufacturing Co., 28.
 American Wine Co., 19.
 Ames, Manning, & Ames, Bone meal, 27.
 Ames, O., & Sons, Shovels, 21.
 Ameye Berte, R., Chicory, 44.
 Amundson, C. M., Oyster anchovy, 47.
 Anastasio, G., Cigars, 43.
 Ancasti, Sub-commission of, Corn, 61.
 Andalgala Commission, Dyestuffs, 58.
 Andalgala Sub-com. of Catamarca, Skins, 64.
 Anderson & Campbell, Fruits, 18.
 Andersson, G., Sardines, 47.
 Andersson, J., Bells, 48.
 Andes, M. M. de, Cigarettes, 62.
 Andielo, M., Potatoes, 62.
 Andronico, G., Biscuits, 53.
 Angelina, Directory Board of, Flour, 56.
 Angier, U., Cumin, 62.
 Anisdahl, R. O., Peppermint, 49.
 Annear, J., & Co., Sauce, 18.
 Anselmi & Marassi, Alcohol, 52.
 Antheaume & Sons, Glucose, 38.
 Anthoine, Wines, 38.
 Appleyard, J. B., Rice, 62.
 Appleyard, T. B., Flour, 66.
 Aragon, J. M., Honey, 65.
 Aragon, S., Tobacco, 62.
 Arango, C., Wax, 54.
 Arango, I. de, Liquor, 57.
 Arango, R. de, Plants, 55.
 Arango & Silva, Wood, 54.
 Araoz, A., Syrup, 67.
 Araraguara, Baron de, Coffee, 55.
 Arce, J., Corn, 60.
 Archleb, J., Liquor, 43.
 Arenales, A. M., Seeds, 62.
 Arias, F., Skin, 63.
 Arles, D., Silk, 39.
 Arminchiardi, J., Flour, 66; Macaroni, 67; Wheat, 61.

- Armistead, L. L., Tobacco, 16.
 Armstrong, E., Farming mill, 35.
 Armstrong, G. F., & Bros., Farming mill, 35.
 Arnault, A., Catskins, 64.
 Arrillaga, J., Herbs, 62.
 Arrondo, A., Wheat, 61.
 Artasa, M., Corn, 61.
 Artasa, S., Beans, 61.
 Arteaga, A., Shells, 63.
 Asay & Wood, Cultivator, 23.
 Ashley, H. A., Ditching machine, 27.
 Ashley & Hazard, Cheese press, 35.
 Askew, A., Flag pole, 31.
 Aspeden & Pritchard, Oatmeal, 33.
 Asphalt Mining Co., Asphaltum, 36.
 Assiz, F. d', Coffee, 55.
 Aste, D. S., Albumen, 50.
 Atkins, J. L., Horse shoes, 29.
 Atkinson, E., Road scraper, 27.
 Atlantic Co. for the Culture of Cranberries, 15.
 Atmore & Son, Mincemeat, 18.
 Atterling, C., Dairy Apparatus, 48.
 Attwood, A., Beehive, 32.
 Aubin & Baron, Millstones, 40.
 Aubone, D., Beans, 60.
 Auchmann, F., Champagne, 43.
 Augier, U., Wine, 67.
 Aula, Domenico, & Co., Sumac, 50.
 Aultman, C., & Co., Implements, 24.
 Aultman, Miller, & Co., Mower, 23.
 Aumuller, J., Wines, 41.
 Ausable Horse Nail Co., 28.
 Autumes, J. A., Machine, 57.
 Aveling & Porter, Engines, 30.
 Avellino, A., Sardines, 50.
 Avery, B. F., & Sons, Plows, 21.
 Aybar, S. R., Syrup, 67.
 Ayr, J., Drill, 34.
 Ayrosa, M. A., Coffee, 55.
 Azcoedo, P. de, Aguardente, 57.
 Azcoedo, J. C., Cotton, 57.
 Baca, Y., Brandy, 67; Corn, 60.
 Bach, A. H., Wines, 41.
 Baecker & Fieck, Liqueurs, 41.
 Bageau, H., Glue, 37.
 Bahia, Province of, Wood, 54; Cigars, 56; Sugar, 57.
 Bagley, M. S., & Co., Biscuits, 68.
 Bagley, M. S., Bitters, 67.
 Baigorra, J., Cocoa, 62.
 Bailey, S. M., Tobacco, 16.
 Bailey Wringing Machine Co., Choppers, 26.
 Baillic, C., Salmon rods, 32.
 Baillargeon, E., Shovels, 34.
 Bailly & Co., Millstones, 36, 40.
 Bain, J. D., Meats, 32.
 Baker, J. C., Drill, 22.
 Baker, Walter, & Co., Chocolate, 20.
 Bal, J. J., Wine, 46.
 Balaguer, J. E., Wines, 67.
 Balaguer, T., Corn, 60.
 Balban, N., Resin, 59.
 Balcarce, G., Sheep, 63.
 Balderston, G., Vases, 81.
 Baldini, Agostino, & Co., Leather, 50.
 Baldwin, Mrs. M. W., Plants, 79.
 Ball, J., Sauce, 29.
 Baltimore Pearl Hominy Co., 19.
 Baluffi, Nicola, & Co., Leather, 50.
 Balujera, D., Rice, 61.
 Barbosa, F., Wood, 54.
 Barcas, P. P., Skins, 64.
 Barnes, G., & Co., Implements, 23.
 Barra, L., Wine, 53.
 Barral, J. L., Wines, 38.
 Barroquero, C., Wax, 65.
 Barros, R. de, Coffee, 55.
 Barros, S., Coffee, 55; Cotton, 57; Cumin, 62.
 Barros, P. da, Coffee, 55.
 Barros, B. de, Sugar, 56.
 Barros, F. de, Sugar, 56.
 Barroso, P., Sugar, 57.
 Barthe, G., Corn, 36.
 Barthell, L., & Co., Farming mill, 35.
 Bartram Sewing Machine Co., 24.
 Bartleson, J. W., Churn, 27.
 Bartlett, E., Digger, 34.
 Bartolucci-Godolini Bros., Honey, 50.
 Bartsch, M., Macaroni, 40.
 Bascunan, F., Seeds, 61; Figs, 66.
 Bassi, Medando, & Ugo Bros., Sausages, 51.
 Bastos, R., Sugar, 56.
 Basset & Co., Kid, 37.
 Batchelor Bros., Tobacco, 16.
 Bates, Hyde, & Co., Cotton gins, 26.
 Battini, A. P., Soles, 64.
 Bateman, E. S. & F., Cultivators, 21.
 Bates, B., Wheat, 60; Raisins, 65.
 Bancroft, J. A., & Co., Settees, 81.
 Baucr, L. W., & Son, Liquor, 43.
 Baufi, G. F., Glue, 50.
 Baugh & Sons, Super-phosphate, 27.
 Bannihe, J. H., Wines, 20.
 Bauroth, W., Flower stand, 80.
 Bavarihe Joint-Stock Brewery, 42.
 Bawtinheimer, P. M., Digger, 34.
 Bayliss, E., Harvester, 22.
 Bayvet Bros., Skins, 37.
 Beath, J. R., Birds, 17.
 Beau, H. & B. F., Cultivator, 21.
 Beaucourt, F., Wines, 38.
 Beaver, H., Wines, 33.
 Begg, J., Pacific Coast Conifers, 15.
 Behrensens, T., Liqueurs, 41.
 Beita & Co., Tobacco, 62.
 Beitzell, H., Planter, 22.
 Beken, F., Wheat, 61.
 Belcher, J. W., Fruits, 33.
 Bell, C. R., Plow, 34.
 Bellaire Manufacturing Co., Mower, 23.
 Bellantani, G., Sausages, 51.
 Bella-Vista, Baron de, Coffee, 55; Aguardente, 57.
 Bella-Vista, Sub-commission of, Corn, 62; Spiders, 63; Skin, 65; Woods, 58; Cotton, 68.
 Bellardi, Dom., & Co., Liquors, 52; Skins, 64.
 Belem, Sub-commission of, Corn, 61.
 Belmont Tanning Co., Skins, 32.
 Bellocq Bros., Calfskins, 64.
 Bellosi, G., Liquors, 53.
 Bellot, J., & Co., Brandy, 38.
 Bellu, J., Wines, 19.
 Bennett, T., & Son, Goldbeaters' skin, 29.
 Bennet, J., Farming mill, 35.
 Bennett, James, Potato digger, 35.
 Benites, A., & Co., Meats, 64.
 Benson, B. S., Plow, 21.
 Berduc, M., Box, 59.
 Berg, C. G., Punch, 47.
 Bergen, Museum of, Fishes, 48.
 Bergen Glass Works, Buoys, 49.
 Bergens, R., Herrings, 48.
 Berger, C. F., Absinthe, 44.
 Bergeré, Dr., Peanuts, 61.
 Bergers, D., Oil, 68.
 Bergh, van den, & Co., Gin, 44.
 Berisco, J., & Co., Tongues, 66.
 Berizo, D., Flour, 66.
 Bernard, J., Sheepskins, 64.
 Bernhardt, A., Essences, 42.
 Bernhard, S., Jva bitter, 44.
 Bergren, D. & J., Tobacco, 47.
 Bergstrom, H. C., Herrings, 47.
 Berlin Tivoli Brewery, 42.
 Bernard, J., Wool, 69.
 Berrotaran, J., Skins, 64.
 Berteau, S., Liquors, 52.
 Bertolate, G., Wheat, 59.
 Bertrand, A., Hay, 31.
 Bertrand, J., & Co., Millstones, 40.
 Bertrand & Co., Millstone, 36.
 Betts, A. C., Fencing, 28.
 Beuverand, de, & Poligney, de, Wines, 38.
 Bewley & Draper, Aërated waters, 30.
 Beecher, C. T., Whiffletree gear, 28.
 Beers, E. A., Plows, 21.
 Biardot, A., Confectionery, 39.
 Biagem, Boa, Baron da, Aguardente, 57.

- Bickford & Huffman, Drills, 22.
 Biernemback & Irmaos, Plows, 57.
 Biggi, Giovanni, & Co., Machine, 54.
 Billar, S., Woods, 58; Brandy, 68.
 Binet, H., Leather, 37.
 Bines, S. M., Rubber tree, 79.
 Bindley & Co., Ales, 30.
 Bingham, R., Lilies, 81.
 Bingham, O. A., Flower stand, 80.
 Biron & Son, Stone, 36.
 Bisco, Luigi, & Bros., Wines, 52.
 Blackwell, W. J., & Co., Tobacco, 16.
 Blanchaud, Tobacco, 62.
 Blanchaud, M., Corn, 61.
 Blanco, E., Wines, 67.
 Blankenheijin, J. J. M., & Lede, C. A. E. van, Gin, 46.
 Blatchley, C. G., Freezer, 26.
 Bleckmann, A. & B. C., & Van der Pool, Cigars, 45.
 Bliss, B. K., & Son, Tobacco, 16.
 Blot, E., Leather, 37.
 Blumeneau, Colony of, Tobacco, 55; Products, 56.
 Blymyer Manufacturing Co., Thresher, 25.
 Board of Commerce, Fish, 48.
 Boa-Viagem, Baron de, Sugar, 56.
 Bock, C. A., Glue, 47; Starch, 47.
 Boden, H. W., & Co., Vinegar, 16.
 Bodarata, J., Barley, 60.
 Bodart, E., Sheepskins, 44.
 Bodart, E., & Co., Wool, 45.
 Boer, W. C., Shrubs, 83.
 Boero, J., & Poletti, A., Wooden rack, 58.
 Bolle, L. A., Son, Absinthe, 44.
 Bollinger, J., Wine, 38.
 Bols, E. L., de, Liquors, 46.
 Bonanno, M., Wine, 53.
 Bond, G. W., Wools, 20.
 Bonei, C. O., Wine, 52.
 Bonenfant Bros., Chicory, 44.
 Bonnement, J. B., Wool, 69.
 Boner, G., Flour, 66.
 Bonnett, Schuck, & Earle, Spices, 16.
 Bonvoisin, A., Garden plans, 83.
 Borelli, L., Eau-de-vie, 52.
 Borden, J. G., Milk, 18.
 Bordewich & Co., Guano, 49; Fish-meal, 49.
 Bordoni, Natale, & Co., Sausages, 51.
 Bornia Bros., Pickles, 51.
 Bornibus, A., Mustard, 37.
 Boscovitz, Skins, 32.
 Boschiero, G., Wines, 52.
 Boston Excelsior Co., 20.
 Boswell, J., Beer, 33.
 Botti, A., Fruits, 51.
 Bottinger, H. F., Beer, 42.
 Boudon, L., Silk, 39.
 Bonfils Bros. & Co., Truffles, 37.
 Bougleuse Bros. & Co., Paste, 51.
 Boulle, E., Wines, 38.
 Bouma, H. G. & J. G., Buckwheat, 45.
 Boutelleau & Co., Brandies, 38.
 Boutteville, F. V., Beer, 42.
 Bouton, jr., Wines, 38.
 Bourgeois, E., Tobacco, 16.
 Bourgoin-Jamain, jr., Wines, 38.
 Bowen, C. M., Stump extractor, 27.
 Bowes, J. L., & Bro., Woolen materials, 30.
 Boyd, G., & Co., Coffee, 16; Grain, 18; Grain-dryer, 28.
 Boyd, J., Timothy grass, 31.
 Boyer, W. L., & Bro., Grist-mills, 25.
 Boyer, P., & Co., Olives, 37.
 Boyens, P. W., Liqueurs, 41.
 Boomer & Boschert Press Co., 26.
 Bootz, Erven Wed, F. A., Liquors, 46.
 Bradford, W. A., & Co., Mill, 26.
 Bradley Manufacturing Co., Rake, 24.
 Braga & Co., Syrups, 57.
 Brakeley, Asher, Tomatoes, 18.
 Branca Bros. & Co., Liquors, 53.
 Brandmuller, J. B., Wines, 41.
 Branson, D. H., Corn, 15.
 Bradley, J., Threshing machine, 25.
 Brenna, S., Liquors, 53.
 Brener, M., Leather, 43.
 Brennen, M., Doors, 31.
 Breve, S., Coffee, 55.
 Brewster, Dodge, & Huse, Cultivator, 21.
 Bricker, J. G., Threshers, 35.
 Brisuela, P., Syrup, 67.
 Brito, J. Z., & Co., Cigarettes, 16.
 British Columbia Advisory Board, Models of fruit, 31; Cheese, 32; Butter, 35.
 Brizard & Roger, Liquors, 38.
 Broddeluis & Akerman, Punch, 47.
 Brodersen, N., Cordials, 49.
 Brodie & Harvey, Flour, 33.
 Brolo, F. L. di, Honey, 50.
 Bromvers, E., Crackers, 68.
 Brossé, Madame S. C., Mosses, 79.
 Brot, L., Mirrors, 36.
 Brown, Clark D. W., Birds, 17.
 Brous, F. M., Plows, 21.
 Brown, G. & J., Mower, 35.
 Brown, J. M., Trellises, 81, 82.
 Brown, G. W., Implements, 23.
 Brown, Hinman, & Co., Rakes, 22.
 Brown, Wm. H., Glue, 17.
 Brown Cotton Gin Co., 25.
 Brown, R., Cereals, 31.
 Brownback, P. N., Plows, 22.
 Brooks, E. D., Pickles, 18.
 Bruck, E., Wines, 41.
 Brugalieres, E., Wines, 38.
 Brumby, G., Liqueurs, 41.
 Brunnen, C., Confectionery, 20.
 Bruning, H. W., Leather, 40.
 Bruner, M., jr., Press, 26.
 Bruno, D., Wheat, 59.
 Bruno, G., Preserves, 51.
 Bruschetti, C. V., Wine, 53.
 Bryan & Clement, Mower, 23.
 Buada, F., Flour, 66.
 Bucher, Gibbs, & Co., Plows, 21.
 Buck Bros., Vinegar, 42.
 Bueno, P., Wood, 54.
 Buena Vista Vinicultural Society, 19.
 Buenos Ayres, Prov. Commission of, Wheat, 59; Hides, 64; Cow-hair, 69; Wool, 69.
 Buffa, A., Wheat, 59.
 Buford, H. D., & Co., Plows, 21.
 Buhl, F. P., Wines, 41.
 Buist, R., jr., Seeds, 16.
 Buist, R., Trees, 81.
 Bunster, A., Barley, 31; Malt, 33.
 Burchi, Liquors, 53.
 Burden, H., & Sons, Horse-shoes, 28.
 Burel, J., Skins, 37.
 Burela, S., Tobacco, 62.
 Burgeff, N., Wines, 41.
 Burgess, W., Sauce, 32.
 Burgos, R., Wheat, 60.
 Burnham & Morrill, Meats, 18.
 Burk, W. B., & Co., Corks, 15.
 Burke, E. & J., Ales, 30.
 Burt, Hildreth, & Co., Horse-racks, 25.
 Bush & Smith, Parer, 26.
 Bushfield, W. H., Cutter, 26.
 Bushnell, S. H., Rake, 24.
 Bustamante, O., Tobacco, 62.
 Bustos, S. G., Preserves, 66.
 Buton, G., & Co., Liquors, 52.
 Butz, A. L., Corks, 15.
 B——, A. A., Cotton, 57.
 Cable, Bayard, & Co., Churn, 35.
 Cabilla, Grits, 66.
 Cagliesi, R., Plow, 53.
 Caillebotte & Dumagnon, Preserves, 37; Sardines, 37.
 Caipora, G., Larangiuha, 57.
 Calatroni, P., Balm, 67.
 Calderon, P., Woods, 59.
 Calejari, G., Liquors, 51.
 Caliri, S., Fruits, 51.
 Calzoni, A., Machine, 54.
 Camargo, P. de, Coffee, 55.

- Camargo, S., Coffee, 55.
 Camargos, Tea, 55.
 Cambaceres, A., Beef, 66.
 Camblond, M., Wool, 69.
 Cameron, A., Rake, 34.
 Cammarato, C., Paste, 51.
 Campbell & Heatty, Spars, 31.
 Campora, A., Wine, 68.
 Campos, E., Wine, 65.
 Canada Wine-Growers' Association, 33.
 Canadian Meat Co., 32.
 Cantelli, G., Torrone, 53.
 Cantrell & Cochrane, Ginger ale, 30.
 Ceara, Province of, Resins, 54; Plants, 55;
 Hide, 56; Cotton, 57.
 Caraña, Y., Wines, 67.
 Cardeiro, Jr., Rice, 56.
 Carenon, E., and Lacroze, J., Pump, 69.
 Carretti Bros., Liquors, 52.
 Carignano Bros., Wheat, 61.
 Carl, J., Beer, 42.
 Carling & Co., Ale, 33.
 Carpanetti, L., Liquors, 52.
 Carreras, R. C., Thread, 68.
 Carreras, S., Skins, 65.
 Carrier, L'Aine, & Co., Agricul. Impl., 34.
 Carrillos, P., Tobacco, 62.
 Carrosc, C., Alcohol, 57.
 Carter, H. C., Butter pail, 26.
 Carter, T. W., Cereals, 31.
 Cartrite, B., Fanning mill, 25.
 Carulli, D., Meats, 51.
 Carvalho, L., Flour, 56.
 Carvalho, L. de, Gin, 57.
 Carvalho, M. de, Gin, 57.
 Carvalho, Z. de, Coffee, 55.
 Carvalho & Oliveira, Syrup, 56.
 Caryl, A. H., & Son, Nails, 28.
 Casanco, J., Seed, 62.
 Casarino, M., Leather, 50.
 Casas, M., Flour, 66.
 Case, J. I., & Co., Threshing machine, 25.
 Caskie, R. A., Tobacco, 16.
 Casoni, G., Liquors, 53.
 Cassale Bros., Liquors, 53.
 Cassard, G., Hams, 18.
 Casserie, L., van de, Biscuits, 45.
 Caswell, E., Cheese, 32; Meats, 32.
 Cataneo, J., Flax, 68.
 Catanzaro, G., Wines, 52.
 Catamarca, Prov. Commission of, Seeds, 58;
 Corn, 61; Skins, 64; Cotton, 68; Viper, 63.
 Castes, M. A., Wool, 69.
 Castiglioni, D., Liquors, 51.
 Castino, G. B., & Scotto, E., Paste, 51.
 Castorina & Parlato, Sumac, 50.
 Castro, B., Wood, 54.
 Castro, P., Flour, 60.
 Castro, R. de, Sugar, 57.
 Castro, S., Brandy, 67.
 Cathrineholm's Foundry, 49.
 Cattermole, E., Wines, 57.
 Catz, S., Liquors, 46.
 Cavalcanti, Wood, 54.
 Cavallone, G., Vermouth, 52.
 Ceballos, D., Leather, 64.
 Cegenano, V., Wood, 58.
 Cederlunds, J., Punch, 47.
 Central Exportation Co., Maté, 56.
 Central Oil Mills, oil, 20; Fertilizers, 27.
 Ceretti, L., Wheat, 61.
 Cerri, L., Torrone, 53.
 Cernighairo, V. C., Leaves, 50.
 Cernstein, A. V., Leather, 43.
 Cespedes, J., Figs, 65.
 Chabert, J., & Co., Silk, 39.
 Chaboseau & Payen, Liquor, 38.
 Chaco Argentine Ter., Com. of the, Woods, 58,
 62; Skins, 64; Cotton, 68.
 Chadhorn & Coldwell, Mower, 23.
 Chalmers, J., & Sons, Gelatine, 17.
 Chalvin, H. A., Syrups, 19.
 Chamber of Commerce and Arts, Olives, 50;
 Almonds, 50; Figs, 51.
 Champion, A., Thresher, 35.
 Champion Machine Co., 24.
 Chantrain, E., Leather peltry, 44.
 Chapman Binder Co., 24.
 Chapman, E., & Co., Koumiss, 29.
 Chappée, A., Pipes, 36.
 Charozé Bros., Fruits, 36.
 Charlesworth, M. C., & Son, Flour, 33.
 Charlier, J. B., Beer, 44.
 Chas, F., Fleece, 63.
 Chase & Co., Confectionery, 20.
 Chase, J., Aquarium, 80.
 Chaves, C., Seeds, 59; Wines, 67.
 Chaves, R., Olives, 65.
 Chevalier, A., Food, 37.
 Chenaillier, Evaporator, 40.
 Chenu, P., Confectionery, 39.
 Chenu, Laffitte, & Co., Wines, 38.
 Chesley, P., Choppers, 26.
 Chicago Pork Packers' Assoc., 18.
 Chicago Plow Co., 21.
 Chicago Scraper and Ditcher Co., 27.
 Chiapella, J., Wines, 39.
 Chicheano, Franco, & Co., Vermouth, 52.
 Chick, W. H., & Co., Churns, 26.
 Chiozza, L., Maize, 43.
 Chieborad, F., Hops, 42.
 Christie, Brown, & Co., Biscuits, 33.
 Christiania Brewery, Ale, 49.
 Christin, J., Syrups, 33.
 Ciaccio, F. P., Grains, 50.
 Cicile, L., Machines, 40.
 Cills, W., Packing box, 16.
 Cirqui, J., Wines, 20.
 Cisneros, J. B., Wine, 68.
 Cita, F., & Co., Liquors, 53.
 Claghorn, Herring, & Co., Cottons, 20.
 Clark, E. W., Plants, 80.
 Clarke, B. W., Cheese press, 35.
 Clarke, C., Wool, 69.
 Clarke, J., Kegs, 31.
 Clarke, N. W., Apparatus, 17.
 Clark & Dunham, Millstones, 30.
 Clarkson, F. M., & Son, Vegetables, 18.
 Clarridge, J., Planter, 22.
 Classen, E., Wool, 69.
 Clavarino, S., Wine, 68.
 Clavé, B., Leather, 37.
 Clavelle, J., Wines, 39.
 Clegg, Wood, & Co., Rake, 24.
 Clement & Co., Pearls, 37.
 Clément, Clément, & Co., Diamonds, 36.
 Clement & Dunbar, Cedar ware, 26.
 Clerici, C., Vermouth, 51.
 Clerc, J. B., Wines, 39.
 Cloak, J., Hops, 31.
 Clough, De Witt C., Churn, 26.
 Coates, A. W., Rake, 23.
 Codd, H., Mineral Waters, 30.
 Coffee Surrogate Factory, 43.
 Cohn, A. B., Rakes, 25; Wagon jack, 28.
 Cohen, J. P., Cigars, 16.
 Coignet & Co., Manure, 40.
 Colburn, A., & Co., Spices, 16.
 Coleman & Gonnilock, Hoops, 31.
 Colin, J., Food, 37.
 Colin, Jr., Fish, 37.
 Colina, J. N., Cotton, 68.
 Collin, A., Wines, 39.
 Collings, E. Z., Cranberries, 15; Cranberry
 plants, 28.
 Collins & Co., Axes, 29.
 Colton, N. P., Cultivators, 34.
 Coli & Co., Tobacco, 62.
 Coil, F. M., Wine, 67.
 Colla, J., Flour, 66.
 Colodrero, A., Cocoanuts, 66.
 Colombini, U., Sausages, 51.
 Combet, J., Confectionery, 39.
 Combier, J., Liquors, 38.
 Compondu, L. F., Pansies, 81.
 Conceiro, Wood, 54.
 Constanca, M. & F., Tapioca, 56.
 Congressional Library, U. S., Plants, 79.

- Conrad, E. C., Machine, 26; Cage, 23.
 Conroy, Bissett, & Malleson, Tackle, 17.
 Constanca, M., & Sons, Coffee, 55.
 Contarella, F., Wine, 52.
 Converse, B. C., Reaper, 23.
 Conte, Gran, A., Vermouth, 68.
 Contessini, Gerini, & Co., Fruits, 51.
 Cook, Mrs. O. A., Flowers, 79.
 Coge, A., Plants, 80.
 Corbel, E., & Co., Leather, 37.
 Corcoran, Witt, & Co., Millstones, 30.
 Cordero, P. J., Corn, 60.
 Cordini, G. & B., Liquors, 53.
 Cordoba, D., Beans, 62.
 Cordoba, Prov. Commission of, Woods, 58;
 Wheat, 62; Skins, 65; Cactus, 84.
 Cornier & Véron, Food, 37.
 Cornell, S., Beehive, 35.
 Corn Exchange Association, Grains, 33.
 Cornish & Curtis, Churn, 27.
 Corrales, J. W., Wool, 69.
 Correa, B., Corn, 60; Wool, 69.
 Correa, P., Maté, 55.
 Correjo, J., Seed, 58.
 Corrientes, Prov. Commission of, Woods, 58;
 Cane, 62; Skins, 65, 65.
 Corrientes, Commission of, Rupes, 68.
 Corry, W., & Co., Aerated waters, 29.
 Corúnez, D., Honey, 65.
 Corun, E., & Co., Onyx, 36.
 Carvers, P., Wines, 41.
 Cosset, D., Lamps, 36.
 Costa & Co., Sugar, 56.
 Costa, B., Wheat, 39.
 Costa, G. da, Caoutchouc, 54.
 Costa, H. da, Coffee, 55.
 Costa, L., Cognac, 68.
 Costa-Pereira, A. B. da, Coffee, 55.
 Costa, R. de, Sugar, 56.
 Costelo, G., Syrup, 67.
 Cotton, A. C., Hoe, 21; Stump extractor, 27.
 Cowan, A., Super-phosphate, 33.
 Cowdrey, E. F., & Co., Preserves, 18.
 Coudert, G., & Son, Brandies, 39.
 Couette, Tent, 83.
 Council of Agriculture, Grains, 31.
 Coupal & Delpaz, Dirt scraper, 21.
 Coupiac, E., Cheese, 37.
 Couture, Machines, 39.
 Crawford & Co., Reaper, 34.
 Crawford & Watson, Sponge, 17.
 Creig, W., & Son, Sheepskins, 32.
 Crenshaw, G., Birds, 17.
 Creutz, A., Punch, 47.
 Crespo, M., Wheat, 61; Flour, 66.
 Crispo, M. C., Lemons, 50; Wine, 52.
 Crocker, L. L., Fertilizers, 27.
 Croft, Wilbur, & Co., Confectionery, 20.
 Crosse & Blackwell, Pickles, 30.
 Crowell, J. B., & Co., Drills, 23.
 Cummings, W., Orange tree, 80.
 Cunibert, F. V., Wines, 41.
 Cunliffe, Dobson, & Co., Wines, 39.
 Curlier Bros. & Co., Brandies, 39.
 Curry, G., Preserves, 51.
 Cusack, H. P., Hoops, 31.
 Cusenier, E., & Co., Liquors, 39.
 Cuthbert, A., Orange tree, 80.
 Cuthbert, A. M., Coffee, 55.
 Cuthbert, J. T. A., Cotton, 57.
 Dagorret, M., Skins, 65.
 Dahl, E. C., Ale, 49.
 Dahl, J. O., Nets, 49.
 Dahl, P., Tobacco, 47.
 Dahlen, B., Wines, 41.
 Dahlen, J. F. J., Wines, 41.
 Dahlheim & Engstrom, Punch, 47.
 Dalen's Tannery, 49.
 Damman, E., Biscuits, 45.
 Dammann, L., & Cordes, Liqueurs, 41.
 Dana, C. H., Labels, 28.
 Dandicolle & Gaudin, Wines, 38.
 Danfield, J. P., Plants, 80.
 Daumas & Co., Tobacco, 62.
 Darchez, A., Skins, 64.
 Dardelle & Co., Vegetables, 37.
 Dassonville-de-Saint, H. L., Stones, 45.
 Daubin & Co., Grease, 37.
 Dávalos, A., Wine, 67.
 Dávalos, B., Leaves, 62.
 Davey, Bickford, Watson, & Co., Fuse, 36.
 Davies, T., & Bro., Ale, 33.
 Davila, B., Beans, 61; Wines, 67; Wool, 69.
 Dávila, C. F., Olives, 66.
 Dávila, D., Wines, 67.
 Dávila, G., Corn, 60; Syrup, 67; Cotton, 68.
 Dávila, N., Syrup, 67.
 Davis, J. H., & Co., Wools, 34.
 Davis, S., & Co., Cigars, 31.
 Davis, S., jr., & Co., Hams, 19.
 Davis, Wise, & Co., Shingles, 15.
 Day, E., Viper, 63.
 Day, F., Wheat, 60.
 Dayton Machine Co., 23.
 Dean, W. G., Mustard, 16.
 Deardorff, I. N., Stove, 28.
 Deas, J. S., Salmon, 32.
 De Bary, M. J., Confectionery, 46.
 De Benkelaer, F. X., Cordial, 44.
 Decker, P. H., Harrow, 21.
 Dederick, P. K., & Co., Presses, 26.
 Deere & Co., Plows, 21.
 Deleget, C., Liquor, 68.
 D'Heureuse, R., Preserving Substances, 28.
 Déjardin, E., Syrup, 58.
 Dejorti, E., Wine, 67.
 De Jough, W. D., Oils, 46.
 De la Cruz Videla, J., Wheat, 61.
 Delannoy, N., Chocolate, 44.
 De la Puente, G., & Del Carril, P. A., Skins,
 64.
 Delaware, State of, Timber, 15; Seeds, 16.
 Del Bono, E., Wine, 52.
 Delgado, D., Potatoes, 62.
 Delgado, M., Figs, 66.
 Dellizy & Dolstau, jr., Liquors, 39.
 Delmas, A., Woods, 36.
 Delmotte, H., Bristles, 45.
 Demeulemeester, V., Candy, 44.
 Demincourt, Flour, 56.
 De Nava, G. di V., Wines, 52.
 Denis, F. A., Wool, 69.
 Denner, S., Beans, 62; Seeds, 62.
 Dennis, R., Farming tools, 35.
 Deplanque, jr., Emery, 36.
 Deny, L., Press, 39.
 Deriviere, J., Food, 37.
 Derrnell, H. F., & Co., Tools, 26.
 Desfieux, P., Sheds, 40.
 Desmoutis, Quennesseu, & Le Brun, Plati-
 num, 36.
 Dessaudier, F., & Co., Brandies, 39.
 Dessauer, A., Glue, 40.
 Detou, de, Dr., Manures, 48.
 Dietrie-Grandjean, Kirschwasser, 39.
 Devos-Biebuyck, Chicory, 44.
 Dexter, E. M., & Co., Confectionery, 20.
 Derencourt, Sugar, 56.
 Diaz, E., Wheat, 59; Viper, 63.
 Diaz, J., Sugar, 56.
 Diaz, R., Wheat, 61.
 Diamante, Sub-Committee of, Dyestuffs, 59.
 Dick, J., Cactus, 79; Plants, 81.
 Dickey, A. P., Mills, 26.
 Dickson, J. H., & Nephews, Rhea, 30.
 Diener, Wines, 41.
 Dietrich & Co., Wines, 41.
 Digby, G., Harness, 35.
 Dilthey, Sahl, & Co., Wines, 41.
 Dingee, Squire, Sauces, 18.
 Dione, A. C., Food, 37.
 Ditely, E., Wines, 39.
 Dod, W. H., Hen's nest, 35.
 Dolby, Tan bark, 31.
 Dolin, Mrs. Vermouth, 39.
 Domenici, A. P., Meats, 51.
 Dominion Leather Board Co., 32.
 Dominguez, J., Skins, 65; Syrup, 67.

- Doraliza, G. de J., Honey, 65.
 Doncel, J. E., Wine, 67.
 Doncell, R., Wine, 67.
 Dons, H., Fish, 48; Meats, 49.
 Dornon, L., Gauzes, 40.
 Dortmund Brewery, 42.
 Douglas, W. & B., Manure pumps, 28; Aquariums, 17; Garden engines, 26.
 Dover Canning Co., 18.
 Draisma van Valkenburg, S., Lard, 45.
 Drake & Parnley, Post-base, 27.
 Drammen Steam Planing-Mills, 48.
 Dreer, H. A., Ferns, 79; Tools, 80; Plants, 81.
 Dreifuss & Binswanger, Beer, 42.
 Dreydelsohn & Co., Wines, 41.
 Dreyfus, B., & Co., Wines, 19.
 Driessen, C. A., J. P., & H. T., Cocoa, 45.
 Dronne, L. F., Meats, 37.
 Drouven, J., & Co., Liquors, 41.
 Druelle, Wines, 39.
 Dubois, B. B., Cheese, 63.
 Dubois, E., & Co., Brandies, 39.
 Dubois, J. B., Flour, 66.
 Duchesne Bros., Leather, 37.
 Dufour, A., & Co., Sardines, 37; Wines, 38.
 Duijois, J., Starch, 46.
 Duguit, T., Sheepskins, 64.
 Dumesnil, P., Leather, 37.
 Dumontier, C., Agricultural Products, 36.
 Dunbar, G. W., & Sons, Fruits, 19.
 Dunn Edge Tool Co., 24.
 Duos, T., Filter, 57.
 Duperow, C., Harrow, 34.
 Dupland, E., Sardines, 37.
 Duportal, E., Skins, 64; Wool, 68.
 Duquénel, Wines, 39.
 Durand, A., Wool, 69.
 Durenne, A., Fountains, 36; 83.
 Duret, J., & Co., Brandies, 39.
 Durlacher, S., & Sons, Wines, 41.
 Durozier, M., & Co., Liquors, 39.
 Durrschmidt, Emery, 36.
 Durston, Wood, & Co., Grain Separator, 25.
 Durvie, Trough, 40.
 Duryea's Glen Cove Starch Co., 19.
 Dutch Agricultural Society, 45.
 Dutch Asso'n for Encour. of Flax Industry, 46.
 Dutcher, C. W., Potato digger, 35.
 Dutton, R., Machines, 23.
 Duvillers, F., Garden plants, 83.
 Du Vivier & Co., Pickles, 18.
 Eagle Co., Scythes, 23.
 Eagle Mowing and Reaping Machine Co., 23.
 Easter, J. D., & Co., Harvester, 24.
 Eastern Burnettizing Co., Lumber, 15.
 Eastwood & Co., Farming tools, 35.
 Echevarria, C., Woods, 58; Vipers, 63; Skins, 65; Wool, 69.
 Echevets, G., Wildcat, 63.
 Echeverherre, P., Woods, 59.
 Eckel, G., Wines, 41.
 Eckstein, A. M., & Sons, Tobacco, 40.
 Eckstein, H. M., Leather, 43.
 Ecorcheville & Legrand, Fruits, 38.
 Edson, T., Fitch, & Co., Match splints, 31.
 Edwardsburg Starch Co., 33.
 Egan, T., Birds and heads, 31.
 Egberts, B. H., Succory, 46.
 Ehrhardt, C., Wines, 41.
 Ehrhardt, J., Wines, 41.
 Eichler, G., Plans, 42.
 Eklundh, L. P., Plows, 47.
 Ekman, C. D., Flax, 47.
 Elia, A., & Sons, Nuts, 50.
 Elliget, J., Bottles, 26.
 Elliot, J., Plow, 34; Farming-tools, 35.
 Eliot, T., Rake, 34.
 Ellis, C. R., Boilers, 80.
 Ellsworth, J. T., Churn, 27.
 Elola, P., Woods, 59.
 Elphce, E., Seed-picture, 28.
 Emmert, W. P., Churns, 26.
 Empire State Horse Nail Co., 23.
 Enological Society of Savigliano, Wine, 52.
 Entomological Society, Insects, 32.
 Entre-Rios, Com. Province of, Woods, 58.
 Skins, 64.
 Erichsen, T., Hooks, 49.
 Ericson, N. O., Fisher, 47.
 Ericsson, A., Kid skin, 47.
 Eriksen, E., Anchovies, 49.
 Erkenbrecher, A., Starch, 19.
 Ertel, G., Hay press, 25.
 Escalada & Co., Kid skins, 64.
 Escobar, J. de Dios, Beans, 62.
 Escobar, J. de D., Skin, 63.
 Escobar, J. D., Figs, 66.
 Escoffier, J., Fruits, 37.
 Espada, T., Wine, 67.
 Esparsa, J., Seeds, 59.
 Esterly, G., & Son, Implements, 23.
 Estes, W. A., Plow, 21.
 Euplio, R., Wine, 52.
 Evans & Baird, Thresher, 25.
 Evans, Lippincott, & Cunningham, Hams, 19.
 Evans & Stafford, Cheese, 29.
 Evoli, M. G., Liquor, 53.
 Ewing & Wise, Trout, 32.
 Exton, A., & Co., Crackers, 20.
 Fabritius, H., Models, 48.
 Facchini, Pietro, F., & Co., Hemp, 53.
 Fache-Havé & Bro., Leather, 37.
 Fagerhein Net Co., 49.
 Facheris, E., Wines, 53.
 Falck, Y., Sled, 49.
 Faleas, P., Aguardente, 57.
 Fantozzi, C., Liquors, 53.
 Faria, L., Wood, 54.
 Farias, J. A., Beans, 60.
 Farinola, M. P., Wine, 53.
 Farmer's Friend Mfg. Co., Drills, 22.
 Farrar, G. H. & L. E., Flower pots.
 Faseth, F., & Son, Grapes, 42.
 Fau, J., Prunes, 37.
 Faugueux, A., Millstones, 40.
 Faurie, J., Wines, 39.
 Faure, J., & Co., Brandies, 39.
 Faust, W. F., Lily, 80.
 Fava, C., Cochineal, 59; Skin, 63; Cotton, 68.
 Favare, D., Leaves, 50.
 Favares, P., Coffee, 55.
 Fay, C. J., Hay press, 25; Stump lifter, 27.
 Feis, L., Wines, 41.
 Feist Bros. & Sons, Wines, 41.
 Felguer, P. W., & Son, Tobacco, 16.
 Fell, C. J., & Bro., Spices, 16; Gelatine, 19.
 Felton, A. L., Plants, 81.
 Fendel, H. J., Wines, 41.
 Fernandez, S., Skin, 63.
 Ferrando, J., Beans, 62.
 Ferrari, S., Paste, 51.
 Ferrarini Bros. & Co., Rice, 50.
 Ferré, V., Woods, 58; Canes, 62.
 Ferrell, J. A., Float, 17.
 Ferret, Bros., & Co., Wines, 39.
 Fertilitas Stock Co., Fertilizers, 48.
 Fibbi, R. F., Glue, 50.
 Fidele, P. F., Wine, 33.
 Field & Carpenter, Rake, 23.
 Figasner, E., Meat, 50.
 Figueredo, P. de, Tobacco, 55.
 Figueroa, J. E., Syrup, 67.
 Figueroa, M., Wine, 68.
 Figueroa, Molas, & Co., Wines, 67.
 Figueroa, T., Corn, 60.
 Fil, F., Wines, 39.
 Filopanti, Q., Drawing, 54.
 Fino, Luigi, & Co., Albumen, 50.
 Fisher, Wheat, 31.
 Fisher, H., Mower, 24.
 Fisher, W., Cranberries, 31; Salmon, 32.
 Fison, J. P., Machinery, 30.
 Fisse, Thirion, & Co., Wines, 39.
 Fiton & Nouvaille, Food, 37.
 Fitzgerald, R., Cactus, 79.
 Fitzhugh, J. R., Elevators, 26.
 Fogelmark, S., Cereals, 46.
 Foges, J., Leather, 43.

- Fontam, L. F., Liquor, 68.
 Fontes, V., & Neyra, S., Woods, 59; Skins, 64.
 Foot, S. D., Preserver, 28.
 Ford & Sons, Leather, 32.
 Forkel, F., Plans, 84.
 Fornaja, V., Cereals, 50.
 Fornari, A. J. B., Leather, 50.
 Forni, A., Sausages, 51.
 Forseth & Co., Ale, 49.
 Forst, J., Wines, 41.
 Forster, C., Birds, 17.
 Forsyth & Co., Farming tools, 35.
 Fortier, B., Leather, 37.
 Foss, Miss J., Cigarettes, 36.
 Fossen's Tannery, 49.
 Foster, C. A., Chopper, 26.
 Foyn, S., Oil, 49.
 Fouassin, A., Cordials, 44.
 Fouchez, L., & Co., Brandies, 39.
 Fourcade, P., Wheat, 61; Flour, 66.
 Fournier, A., Wines, 39.
 Fournier, J., Wines, 39.
 Fontaine, Sarget de la, Wines, 38.
 Fox, G., jr., Rods, 17.
 Flauqueux, A., Millstones, 36.
 Fleming, M., Seed, 58; Corn, 60; Wine, 67.
 Florentine Candy Co., 20.
 Flores, N., Tar, 59; Wines, 67.
 Florio, J. & V., Wines, 52.
 Flumineuse Agricultural Institute, 56.
 Foyn, S., Guano, 49.
 Fraguero, G., Skins, 63.
 Francica Bros., Wine, 53.
 Franco, L. A., Bird, 63; Conserves, 66; Wines, 67.
 Frank, C., Cultivator, 22.
 Frankl Bros., Seeds, 43.
 Frankl, I. G. & L., Timber, 42.
 Franklin Glue Works, 17, 20; Bone dust, 27.
 Fréal, Machines, 39.
 Freeman, J. R., Begonia, 79.
 Freeman & Smith, Aquaria, 80.
 Fremery & Co., Oils, 44.
 Frers, G., Wool, 69.
 Freudenberg, C., Skins, 40.
 Frey, O., Liquors, 57.
 Frias, S., Cereals, 60; Raisins, 66.
 Friedrichshöhe Joint-Stock Brewery, 42.
 Friestedt, A. W., Fertilizers, 48.
 Frigieri, G., Hams, 51.
 Frischie, C., Wheat, 61.
 Frishmuth Bros. & Co., Tobacco, 16.
 Fritsch, J., Wax, 18.
 Fritsch, C., Flour, 66.
 Frois, L., & Co., Wines, 39.
 Frommel, C. J., Confections, 47.
 Frosini, E., & Bro., Paste, 51.
 Frölich, F. A., Wines, 41.
 Fruit Growers' Trade Co., 18.
 Fry, J. S., & Sons, Chocolate, 30.
 Frydenlund Brewery, Ale, 49.
 Fuente, D. de la, Plant, 84.
 Fuente, D. G. de la, Skins, 64.
 Fuller, L. S., Linseed, 31.
 Fuller, S. S., Flax, 34.
 Fulton, J. W., Seeds, 16.
 Furst & Bradley Manuf. Co., Tools, 26.
 Frieire, M., Coffee, 55.
 Frieire & Bros, Coffee, 55.
 Friburgo & Sons, Coffee, 55.
 Furstenberg-Stammheim, H. E., Wines, 41.
 Fussel, J., Sons, & Co., Tools, 30.
 Gaar, Scott, & Co., Threshers, 25.
 Gabaldoni, A. C., Wines, 52.
 Gadrad, D. G., & Co., Brandies, 39.
 Gail & Ax, Tobacco, 16.
 Galarani, C., Cereals, 60; Flax, 68; Wool, 69.
 Galesboot, J. P. R., Fruit trees, 83.
 Galibert, A., Apparatus, 36.
 Galibert, C., & Son, Leathers, 32.
 Galimberti, G., Liquors, 53.
 Gallegos, M., Wood, 58.
 Gallino, J. A., Woods, 59.
 Gallo, B., Flour, 66.
 Galloni, L., Wines, 53.
 Galloway & Graff, Vases, 80.
 Gama, P. N. N. da, Coffee, 55.
 Gammon & Deering, Harvester, 24.
 Gans, A., Tobacco, 40.
 Garcia, D., Raisins, 66.
 Gardenghi, E., Sausages, 51.
 Garnier, P., Liquors, 39.
 Garrigos, J. M., Woods, 59.
 Garros, J. L., Wines, 39.
 Garst, D. W., Chopper, 26.
 Garvino, S., Meat, 66.
 Gattola, N., Plow, 54.
 Gauthier, A., Tallow, 64.
 Gaviao, B., Coffee, 55.
 Gavino, F., Wool, 69.
 Gay & Bryant, Post-hole digger, 28.
 Gazzo, L., Vermicelli, 67.
 Gebürsch, Mrs., Wines, 41.
 Geilfuss, H. H., Confectionery, 20.
 Geisel, L., Beer, 42.
 Gelabert, M., Fibre cord, 68.
 Gelos, M., Dyestuffs, 59; Skins, 64; Feather-grass, 68; Scarlet-oak, 84.
 Genta, G., Vermouth, 52.
 Gentili, F., Paste, 51.
 George, D. F., Shingles, 31.
 George, P. T., & Co., Hams, 18.
 Gerin, E., Brandy, 39.
 Gernert, J., Fruits, 40.
 Germersheimer, J., Wines, 41.
 Gervais, E., Corkers, 39.
 Gessler-Zeller, J., Leckerly of Basle, 44.
 Geyelin & Co., Food, 29.
 Ghizzoni, L., Liquors, 51.
 Giacobini, C., Liquors, 52.
 Giaccone, P., Wines, 52.
 Giannelli, R., Honey, 50.
 Gibbs & Coursolles, Harrow, 34; Plow, 34; Shearer, 35.
 Gibbs & Sterrett Mfg. Co., Mower, 24.
 Gibelli, S., Wine, 68.
 Gilka, J. A., Liqueurs, 41.
 Gillies, G., Harrows, 34.
 Giojuzza & Giobertini, Wines, 39.
 Giordano, G. B., Wine, 52.
 Girdlestone, G. H., Tobacco, 31.
 Girwin, J., Biscuits, 33.
 Gissing, A. S., & Sons, Biscuits, 30.
 Githens & Rexsamer, Fruits, 18.
 Gloucester, City of, Mass., Exhibits, 17.
 Godoy, N., Preserves, 65.
 Goede, D., Cheese, 45.
 Goerg, J., & Co., Wines, 39.
 Goetz, F. A., Wines, 20.
 Gogl, Mustard, 42.
 Goldmann, C., Hops, 40.
 Gomez, C., Skins, 65.
 Gomez, F., Wool, 69.
 Gomez, L., Skins, 64.
 Gonzalez, D., Wool, 69.
 Gonzalez, J., Dyestuffs, 59; Corn, 60; Animals, 63; Skins, 64.
 Gonzalez, M., Woods, 59.
 Gonzalez, P. J., Guana, 63.
 Gonzalez, V., Wheat, 61; Raisins, 66.
 Gonzalez, Z., Mint, 67.
 Goodale, S. L., Extract, 17.
 Goodall, Backhouse, & Co., Sauce, 29; Baking powder, 30.
 Goodell Co., Implements, 23.
 Goodrich, C. C. & F. W., Tobacco hook, 28.
 Goodwin, W. F., Reaper, 24.
 Gore, E., Panels, 15.
 Gordillo, A., Wines, 67; Syrups, 67.
 Gordon & Dilworth, Fruits, 18.
 Gossin, F., Vases, 82.
 Gorter Bros., Flax, 46.
 Goteborgs Machine Co., Plows, 47.
 Gotlands Agricultural Society, 46.
 Gouturon, Corks, 36.
 Gourry & Co., Brandies, 39.
 Goyaz, Province of, Wood, 54; Plants, 55; Hides, 56.

- Goyri, B., Seeds, 59; Corn, 61; Bird nest, 63; Skins, 64.
 Graham, Emlen, & Passmore, Mower, 23.
 Graham, H., Plants, 79.
 Graham, J., Bacon, 32.
 Granada, S., Chocolate, 62.
 Grande, Latino C., & Bros., Grain, 50.
 Grand, Pierre J., Vermouth, 44.
 Grant, P., Farming tools, 35.
 Grant, T., Brandy, 29.
 Grasso, C., Liquors, 52.
 Gray, A. G., Mower, 35.
 Gray & Co., Fruits, 32.
 Greco, Cassia L., Wine, 52.
 Greco, M., Liquors, 51.
 Green Bros. & Co., Reaper, 34.
 Green, J., Gelatine, 29.
 Greenfried & Strauss, Confectionery, 20.
 Greenough, J. J., Animal-cleaning mach., 28.
 Greenwich Machine Works, 21.
 Gregg & Co., Plow, 21.
 Grego, A., Wheat, 59.
 Gregoirs, N., Wool, 69.
 Griffiths, G., Shovels, 21.
 Gifford, Johnson, & Co., Cultivators, 21.
 Grillini, Nanni, & Co., Sausages, 51.
 Groen, G. J. B., Bitters, 46.
 Groenewegen, A. C., Flowers, 83.
 Grootes, P. M., Cocoa, 45.
 Groult, jr., Conserves, 37.
 Grove, M. M., & Co., Axle, 22.
 Gruming, B., & Co., Fencing, 35.
 Grun, W., Wines, 41.
 Gualeguaychu, Sub-commission, Corn, 61.
 Guerin, E., Wines, 67.
 Guernsey, D., Milk cans, 27.
 Guerrero, C. J., Wool, 68.
 Guerrin, N., Wheat, 60.
 Guevara, E. L., Fleece, 68.
 Guglielmini, A., Fruits, 51.
 Guischard, E. L., Lemon tree, 80.
 Guilhou, A., Wines, 38.
 Guimaraes, A., Coffee, 55; Rice, 56.
 Guichard-Potheret & Son, Wines, 38.
 Guli, S., Fruits, 51.
 Guli, S. L. di, Wines, 52.
 Gulick, E., Seat, 24.
 Gulden, C., Mustards, 16; Oils, 17; Sauces, 18.
 Gunn, A., & Co., Leather, 32.
 Gunther, G., Cages, 28.
 Guthrie & Hevener, Jams, 32.
 Gumpert Bros., Cigars, 16.
 Guscetti, E., Cheese, 50.
 Gutierrez, G., Wool, 69.
 Gutmann & Bloch, Barley, 36.
 Guttier & Wagner, Fruits, 56.
 Haagen, R. C. van, Cocoa, 46.
 Haar & Wesnoes, Fish, 48; Meats, 49.
 Hagedahl, C. A., Whisky, 47.
 Hagerstown Agricul. Impl. Manuf. Co., 23.
 Hagerstown Steam Engine and Mach. Co., 25.
 Haggart & Bros., Farming tools, 35.
 Hale, S. B., Wool, 69.
 Hall, H. L., Cultivator, 22.
 Hall, S. W., Fencing machine, 27.
 Hall, S. Z., Cotton gin, 26.
 Hallen, J. P., Leather, 49.
 Haller, Ella G., Fruits, 18.
 Hallgren, J. J., Anchovy, 47.
 Halsey, H., Harrow, 21.
 Hamar Brewery, Ale, 49.
 Hamilton, C., Leather, 32.
 Hampton, G. & G., Woods, 31.
 Hance, A., & Sons, Cycas, 80; Plants, 81.
 Hanck, S., & Bro., Cutters, 26.
 Hand, S. A., Mower, 24.
 Hanna Malt Factory, 43.
 Hannis Distillery Co., 19.
 Hanot, J., Flower water, 67.
 Hanson, F. O., Railings, 81.
 Hansler, C. S., Wine, 41.
 Hapgood & Co., Salmon, 17.
 Harbert & Raymond, Mowers, 25.
 Harbison, W. C., Honey, 18.
 Harbor-master Argen. Ter., Cane, 62.
 Harder, M., Threshes, 25.
 Hardin, L. S., Churns, 27.
 Harmelino, Dr., Wood, 54.
 Harnish, E. P., Cultivator, 21.
 Harper, S., Hoes, 21.
 Harris, A., Son, & Co., Mower, 34.
 Harris, J., & Co., Farming tools, 34.
 Harris, M., Fruits, 18; Fruit-dryer, 28.
 Harrisburg Fertilizer Co., 27.
 Harrison, D. H., Flax, 34.
 Harrison Manufacturing Co., Mowers, 24.
 Hartman, J., Crackers, 20.
 Harvey & Adamson, Vases, 81.
 Hathaway, Vincent, & Co., Ale, 19.
 Haworth Planter Co., Implements, 22.
 Hayr, Cotton, 57.
 Hayward & Jenkinson, Mouldings in Wood, 31.
 Hazard, T., Cutters, 26.
 Head, T., Farming tools, 35.
 Heath & Northey, Leather, 32.
 Hecker, G. V., & Co., Buckwheat, 19.
 Heebner & Sons, Threshers, 25.
 Heide & Wirtz, Paste, 20.
 Heijusbergen, P. van, Oil, 45.
 Heil, L. W., Cheese, 45.
 Heinuenhuijs, J. H., jr., & Co., Food, 45.
 Heintz, Noble, & Co., Pickles, 18.
 Heissinger, F. X., Designs, 81.
 Helgesen, H. A., Meats, 49.
 Henckell & Co., Wine, 41.
 Henderson, J., Grasses, 15.
 Henderson, P., Designs, 79; Trellises, 81; Geraniums, 81.
 Henderson, Peter, & Co., Seeds, 17.
 Hendryx & Bartholomew, Cages, 28.
 Henkell & Co., Wines, 41.
 Hennig & Papenhagens, Chicory Mfg. Co., 47.
 Henny & Moullet, Absinthe, 44.
 Henry, L., Meat, 37.
 Herbster, J., Wines, 41.
 Herrera, J., Almonds, 66.
 Herrera, J. P., Nuts, 66.
 Herrera, M., Wheat, 61.
 Herrera, P., Brandy, 67.
 Herrera, R., Raisins, 66.
 Herring, S., Birds, 31.
 Herzog, J., & Co., Hair, 20.
 Hes, A. P. van, Trees, 83.
 Hess, J. M., & Sons, Vases, 80.
 Hessin, W., Confectionery, 33.
 Hewit, J. C., Potato digger, 23.
 Hews, A. H., & Co., Ferneries, 80.
 Hey, C., Wines, 41.
 Heydrick, W. H. H., Plow, 21.
 Hexamer, F. M., Plants, 81.
 Higganum Mfg. Co., Plows, 22; Trucks, 27.
 Hildebrand, J., Beer, 42.
 Hill, P. C., Fishes, 32.
 Hillborn, Buckman, & Co., Plows, 22.
 Hilliard, W., Flour, 33.
 Hills Archimedean Lawn Mower Co., 24.
 Hills, G., Flower stand, 80.
 Himer, C. G., Cattle food, 28.
 Hinckle, J., Wines, 19.
 Hirzel, J. G., Choppers, 26.
 Hivac, Parsons, & Co., Leather, 32.
 Hivert, Pellevoisin, & Godet, Brandies, 38.
 Hjorth, F., Anchovies, 49.
 Hjul & Platon, Anchovies, 48.
 Hoadley, J. C., Co., Engines, 25.
 Hoare, J., Salmon, 29.
 Hobson, Walter, Flower pots, 82.
 Hoepfner, M., Bird food, 28.
 Hoffman, J. & S., Leather, 43.
 Hoffman, M. & J., Liqueurs, 41.
 Hoffner, J., Palm, 80.
 Hofman, A. J. T., Liquors, 46.
 Hofmeister, C., Cereals, 46.
 Hogg & Ford, Oatmeal, 33.
 Hogstedt & Co., Punch, 47.
 Höhl Bros., Wines, 41.
 Holbrook, E., Tobacco, 16.
 Holbrook, H. C., Tobacco, 16.

- Holbrook & Cunningham, Salmon, 32.
 Holet, J. J. G., Gin, 46.
 Holgate, G., & Co., Fruits, 18.
 Holl, S. G., Chalk, 36.
 Holland, J., Roller, 34.
 Holmen's Sawing and Planing Mills, 48.
 Holst, C., Photographs, 48; Wood, 48; Cereals, 48; Manure, 49.
 Holt, H., & Co., Scythes, 24.
 Homann, C., Beer, 42.
 Hoogenstraaten, D. A. J., Vegetables, 45.
 Hooker, J., Milk, 29.
 Hooper, C., jr., Glue, 29.
 Hoopes, Bro., & Thomas, Conifers, 81.
 Hoosier Drill Co., 22.
 Hoppe, P., Liquors, 46.
 Horn, T. S., Preserved meat, 29; Stones, 30.
 Horticultural Association, Bulbs, 83.
 Hossack, Woods, & Co., Biscuits, 33.
 Hotzenpiller & Co., Mill, 25.
 Houtman, A., & Co., Gin, 46.
 Howard & Northwood, Malt, 33.
 Howland, W. P., & Son, Flours, 33.
 Howlett, C. K., Birds, 17.
 Huber Mfg. Co., Rake, 23; Road-scraper, 27.
 Huck, J. A., Wines, 20.
 Huergo, A., Wool, 69.
 Hull, D. H., Machine, 21.
 Hulman, J. C., & Co., Confectionery, 33.
 Hulskamp, F. A., Cork, 45.
 Hultenberg, C. A., Cereals, 46.
 Hunt, C. B., & Co., Flour, 33.
 Hunter, J., & Co., Meal, 30.
 Hurlburt, S. G., Rake, 24.
 Hurley, T., Dyestuffs, 59.
 Hürlimann, J. J., Honey, 43.
 Hutchinson, S., Harrow, 21.
 Hydraulic Lime Stock Co., 36.
 Ianesch, E., Leather, 43.
 Ibarra, V., Wheat, 59.
 Ielinek, A., Leather, 43.
 Illaües, J., Corn, 60.
 Illinois State Board of Agriculture, 17.
 Inar Bros., Wheat, 59.
 Ind, Coope, & Co., Ale, 30.
 Indiana, State of, Seeds, 15; Timbers, 15.
 Iniguez, A. M., Charcoal, 64.
 Iniguez, M., Woods, 58.
 Iniguez, M. A., Vipers, 63.
 Inman Bros., Aerated water, 30.
 Invernice, P., Spurge, 62.
 Invernizzi & Toschini, Cotton, 68.
 Iowa, State Board of, Woods, 15.
 Iraizo, G., Wool, 69.
 Iramon, J., Honey, 65.
 Iriarte, C., Skins, 65.
 Iroy, E., & Co., Wines, 38.
 Isaacs, F. H., Plow, 21.
 Isolatelli & Co., Liquors, 53.
 Israel, J. N., Cigars, 16.
 Itabapoana, Baron de, Larangiuha, 57.
 Itajahy, Colony of, Tobacco, 55.
 Italian Enological Committee, Wines, 51.
 Ithaca Agricultural Works, 24.
 Iturrapse Co., Wheat, 61.
 Iturrapse & Co., Flour, 66.
 Ivernizzi & Toschini, Wax, 65.
 Jacquier & Saupiquet, Sardines, 37; Food, 37.
 Jacob, C., jr., Meats, 18.
 Jacobini Bros., Wine, 53.
 Jacquemard, V., Charcoal, 64; Manure, 69.
 Jacquand, sr. and jr., Phosphates, 40.
 Jäger & Son, Wines, 41.
 Jagt, P. G. & F. J. van der, Cigars, 45.
 Jaguary, Visconde de, Coffees, 55; Seeds, 56.
 Jansen, E., Baskets, 79.
 Jardieu, G. de, Coffee, 55.
 Javerzac, Viremondoy, & Co., Wines, 38.
 Jeffrey, J., Plow, 34.
 Jeremoabo, T., Aguardente, 57.
 Jewell Bros., Flour, 19.
 Joacks & Behrns, Millstones, 42.
 Jofré, R., Figs, 66; Corn, 60.
 Johannesson, C. S., Leather, 47.
 Johnsen, C., Cod, 48.
 Johnson Harvester Co., 24.
 Johnson & Co., Ale, 30.
 Johnson, T. H., Wines, 19.
 Johnson, R., & Son, Starch, 19.
 Johnson & Gere, Drill, 22.
 Johnston Still Co., Whiskies, 30.
 Johnston, L., Harvester, 34.
 Jolton, J. G., Flour, 33.
 Jones, J. W., Canned meats, 18.
 Jones, Palmer, & Co., Sauces, 29.
 Jones, D. F., & Co., Shovels, 34.
 Jones, F., Figs, 66; Corn, 60.
 Jones, J. M., Cultivators, 80.
 Jong, M. & K., Cheese, 45.
 Jordao, S., Coffee, 55.
 Jordao, R., Coffee, 55.
 Jordao, M., Coffee, 55.
 Jordan Horticultural Co., Heating Apparatus, 80.
 Joveneau, A., Chocolate, 44.
 Judkins, M. D., Grain separator, 25.
 Jujui Provinc. Comm., Wheat, 62; Skins, 65.
 Jung & Co., Wines, 41.
 Jung, J. A., Wines, 41.
 Juparana, Baron de, Woods, 54.
 Juparana, Coffee, 55.
 Jurado, G., Comb, 63.
 Justice, L. B., Freezers, 27.
 Justice of the Peace of Juarez, Wheat, 59.
 Jus. of Peace of San Vicente, Horsehair, 69.
 Jus. of Peace Patagones, Wool, 69; Skins, 63.
 Justice of the Peace of Zarate, Corn, 60.
 Justice of the Peace of Bahia Blama, Wheat, 60.
 Justice of the Peace of Patagones, Wheat, 60.
 Justice of the Peace of Ensenador, Woods, 60.
 Jujui, Governor of Province of, Nuts, 66.
 Just, C. C., Anchovies, 49.
 Kadach, J., Liqueurs, 41.
 Kahn & Forbes, Meats, 19.
 Kahnweiler, D., Huller, 25.
 Kalmar Southern Agricultural Society, 46.
 Kantorowicks, H., Liqueurs, 42.
 Kappe, W. J. H., Coop, 28.
 Karfunkelstein, M., & Co., Beer, 42.
 Kauffmann, L., Beer, 42.
 Kauffmann, M., Malt, 43.
 Kaumanns, F. H., Leather, 40.
 Keck, J. L., & Bros., Meats, 18.
 Keen & Hagerty, Freezers, 26.
 Keen, Robinson, Bellville, & Co., Mustard, 29.
 Kehrman, F., Wines, 41.
 Keiler, J. S., Liqueurs, 41.
 Keller, C. F., Cultivator, 21.
 Keller, J. S., Wine, 19.
 Keller, M., Wines, 19.
 Kelly, R., Leather, 32.
 Kelley's Island Wine Co., 20.
 Kenosha Fanning Mill Co., 25.
 Kenyon Bros., Potato digger, 24.
 Kenyon, W. G., Mower, 24.
 Kenyon, S. R., Husking machine, 25.
 Kerber, P. J., Wines, 41.
 Kerbs & Speiss, Cigars, 16.
 Kerr, J. J., Timothy grass, 31.
 Keystone Manufacturing Co., Implements, 23.
 Kiderlen, E., Alcohol, 46.
 Kimball, W. S., & Co., Tobacco, 16.
 Kindlinger, V., Wines, 41.
 King, J. G., Flour, 33.
 Kingsford, F., & Sons, Starch, 19.
 Kinney, F. S., Tobacco, 16.
 Kipp, J., Butter, 32.
 Kirschwasser Company, 44.
 Kirk, C. H., & Co., Horse feed, 28.
 Kissell, Blount, & Co., Cultivator, 21.
 Klagg, Philip, Flowers, 79.
 Klenn, Hansen, & Co., Leather, 49.
 Klein, E., Fruits, 51.
 Klein, J., Wines, 41.
 Kleintjes, J., Plant, 45.
 Klutgen, J. H., Feathers, 45.
 Kockum, F. H., Dairy utensils, 48.
 Kockums, F. H., Tobacco Manuf. Co., 47.

- Koehler, J. G., Cedar ware, 26.
 Kong, C., Fishes, 47.
 König, J. B., Wines, 41.
 Kongsberg, Brewery, Ale, 49.
 Kohler & Frohling, Wines, 19.
 Koldfossen's Bobbin Works, 48.
 Köpp, F., & Son, Liqueurs, 41.
 Koppen, H. T., & Zoon, Cigars, 45.
 Körper & Co., Rosin, 40.
 Kotunann, J., Cigars, 43.
 Kraasby Bros., Bait, 49.
 Krämer & Lauer, Wines, 41.
 Krass, J. A., Wines, 41.
 Kreitner & Sons, Leather, 43.
 Krelage, I. H., Bulbs, 83.
 Kresken, H. A., Flowers, 79.
 Kruijsmulder, C. D., Oils, 46.
 Kyser, J., & Son, Whiffletree fastenings, 27.
 Labatt, J., Ale, 33.
 Laborda, F., Insects, 63; Orange, 67.
 Labrunie, P. A., Wines, 38.
 La Croid, J., Fruits, 18.
 Lade, F., Wines, 41.
 Lafone y Gueveda, S. A., Wines, 67.
 Laforce, Bitters, 33.
 Laframboise & Wiallard, Glue, 32.
 Lago & Son, Tobacco, 62.
 Lagomarsino & Cuneo, Macaroni, 19.
 Lahiton, P., Hides, 65.
 Lamarche & Veillou, Meats, 37; Game, 37.
 Lamart, A., Liqueurs, 38.
 Landauer Bros., Whisky, 19.
 Landauer & Macholl, Liqueurs, 41.
 Landfried, P. J., Tobacco, 40.
 Landreth, D., & Sons, Seeds, 15.
 Landrin, A., Fruits, 37.
 Landsberger, I., & Co., Wines, 19.
 Landskrona French Flouring Mills, 47.
 Lang, F. J., Wines, 41.
 Lang, R., Calfskins, 32.
 Lang & Co., Hemp, 57.
 Langaard, C., Tobacco, 48.
 Langan, J., Woods, 58.
 Langenbach, J., & Sons, Wines, 41.
 Langley, Oil, 32.
 Lanza, S., Wine, 53.
 Lanzara, R., Lemons, 50; Wine, 53.
 Lanzarini Bros., Sausages, 51.
 Lanzon, N., Wheat, 59.
 Laplante, E. de, Wines, 39.
 La Rioja, Provincial Commission, Woods, 58;
 Cereals, 61; Skins, 64.
 Laroche, A., Coal, 36.
 Larrabee, E. J., & Co., Crackers, 20.
 Larrahona, P., Nuts, 59; Corn, 60; Raisins, 66.
 Larronde Bros., Wines, 38.
 Latham, W., Wool, 68.
 Launay, de, & Co., Wines, 38.
 Laurence & Chapin, Plows, 21.
 Laurent, F., Confectionery, 20.
 Lauzun & Co., Stone, 36.
 La Voulte & Besseges, Iron, 36.
 Lazar, G., Liqueurs, 42.
 Lazzaro, S., Liqueurs, 51.
 Lea & Perrins, Sauce, 29.
 Leao, H. de, Coal, 54; Grains, 54; Beans, 55;
 Rice, 56; Biscuit, 57.
 Leao, S., Sugars, 56.
 Leather-barrows, J., Fencing, 27.
 Le Bailly D'Inghuem, A. J., Cereals, 44.
 Lebanon Building and Paving Block Co., 82.
 Lebermuth, J., & Co., Leather, 44.
 Leclercq, H., Flax, 45.
 Le Coq, A., & Co., Seeds, 40.
 Lecourt, F., Food, 37.
 Lecourtois, A., Leather, 37.
 Ledesma Bros., Wheat, 60; Flour, 66.
 Ledger, H., & Co., Extract of meat, 29; Dis-
 infecting fluid, 30.
 Lee, J., jr., Rake, 24.
 Lefebvre, F., Leather, 36.
 Lefebvre, M., Vinegar, 33.
 Lefèvre & Rémondet, Wines, 38.
 Lehment, F. & C., Liqueurs, 41.
 Leiberling, J. F., Mower, 23.
 Leidesdorffska Fishing Apparatus Mfy., 47.
 Leipsic Malt Factory, 40.
 Leite, S., Leaves, 54; Hair, 57.
 Lemaistre, H., Wines, 67.
 Lemis, J. H., Potato digger, 24.
 Lemos, A., Animals, 63.
 Lemos, A. D., Birds, 63.
 Le Moul, A., Flowers, 79.
 Lemonnier, J., Leather, 37.
 Leno, C. N. de, Wine, 52.
 Lenoir, A., Patés, 37.
 Lenormand, E., Leathers, 37.
 Lensvelt, G., Biscuits, 46.
 Lentilhac, de, Wines, 38.
 Leonard, H., Revolving ball, 28.
 Leopold, E. L., Baskets, 79.
 Le Page, Wines, 57.
 Leri, P., Syrup, 67.
 Leroy, L., Plants, 83.
 Lesage & Paignard, Preserves, 38.
 Lescano, J. V., Leaves, 68.
 Leven, M., Skin, 37.
 Levy, J., & Bro., Whiskies, 20.
 Lewis, W. K., & Bros., Preserves, 18.
 Libby, McNeal, & Libby, Meats, 18.
 Liccioli, F., Wine, 52.
 Lichtenfelder, Hot houses, 83.
 Lima, F., Coffee, 55.
 Lime, Cement, and Plaster Mfg. Co., 36.
 Linares, C., Cheese, 63.
 Lindermann, O., & Co., Cages, 28.
 Lindh, A., Ale, 47.
 Lister Bros., Glue, 17; Super-phosphates, 27.
 Lista, M. S. & J., Tobacco, 62.
 Lithographic Stone Quarry Co., 36.
 Little Creek Canning Co., 18.
 Livert & Co., Liqueurs, 46.
 Lloveras, L., Corn, 60.
 Lloyd, T., & Sons, Flour mills, 30.
 Lockwood, J. L., & Co., Fruit dryer, 28.
 Lofvenskiold, C. E., Drawings, 48.
 Logette, Clasps, 39.
 Lombard, D., Sheller, 26.
 Lombart, Chocolates, 39.
 Long, J. C., jr., Bird food, 28.
 Long Brothers, Monograms, 79.
 Long & Bisby, Wools, 34.
 Long & Co., Wax, 56.
 Longaker, T. F., Hooks, 26.
 Lopez, F., Dyeing Plants, 59; Wines, 67.
 Loreti, G., Candy, 53.
 Lord & Co., F., Liqueur, 43.
 Lordly, A., Spices, 31.
 Lorillard, P., & Co., Tobacco, 16.
 Lossy & Co., Wines, 38.
 Lotzbeck Bros., Snuff, 40.
 Louquéty & Co., Cements, 36.
 Louit Bros. & Co., Preserves, 28.
 Lovey, F., Beehives, 29.
 Lovejoy, H. L., Jig-sawing, 31.
 Lovell & Buffington, Tobacco, 16.
 Lovering, J. S., Plants, 79.
 Lowerie, J., Plows, 34.
 Loy, J., Bitters, 67.
 Lubary, T., Wheat, 61; Flour, 66.
 Luca, F. de, Paste, 51.
 Luidecke, A. G., Wines, 41.
 Luke & Jolton Bros., Farming tools,
 Lullato, G., Liqueurs, 52.
 Lund, G., Cheese, 49; Anchovies, 49.
 Lundetangen's Brewery, Ale, 49.
 Lundgren, P. W., Mustard, 47; Sugar, 47;
 Vinegar, 47; Fish, 47.
 Luxardo, G., Liqueurs, 43.
 Luz, F. de, Mate, 55.
 Lyka, D., Wheat, 42.
 Lymans, Clare, & Co., Spices, 31.
 Lysell, A., Anchovy, 47.
 Lysholm, J. B., Punch, 49.
 Maas, A. E., Boats, 45.
 Mabbett, T., Cultivators, 22.
 Mabile Bros., Presses, 39.
 Macedo, J. de, Liqueurs, 57.

- MacGowan, J. K., Sauce, 18.
 Machado, R., Seeds, 59; Straw, 63.
 Machado, M., Coffee, 55.
 Mackenzie, T. J., Plants, 80, 81.
 Macque, L., Grinding apparatus, 45.
 Magalhaes, A., Coffee, 55.
 Magazzin, Liquors, 43.
 Maginly, T. J., Plants, 81.
 Magdelin, F., Beer, 68.
 Maglione, F., Skins, 64.
 Magnaghi, G., Vermouth, 52.
 Mahé, G., Wine, 20.
 Mailfert & Mathelin, Sand, 36.
 Maillard, H., Confectionery, 20.
 Maille & Faudeau, Anchovies, 37; Vinegar, 38.
 Mälare provinsernas Dairy Co., Butter, 47.
 Malasky, Cotton, 57.
 Malatesti, A., Wine, 52.
 Malinverni, S. V., Rice, 50.
 Malligand, E., jr., Tester, 40.
 Malmohus Agricultural Society, 46, 47.
 Maltese, A., Wine, 52.
 Maltese, F., Wines, 52, 53.
 Malvichini, N., Wheat, 59.
 Mamede, Wine, 57.
 Mana, Viscount de, Sugar, 56.
 Mancini, A., Wine, 52.
 Manley, A. D., Threshers, 25.
 Mann, H. F., Mower, 24.
 Mannino, F., Wine, 52.
 Mansfield, G. H., & Co., Lines, 17.
 Mansfield Machine Works, Engine, 26.
 Maranhao, Province of, Coffee, 55; Tobacco, 55; Rice, 56.
 Marburg Bros., Tobacco, 16.
 Marcon, W. H., Super-phosphate, 35.
 Marchand Bros., Liquors, 38.
 Maré, C., Peas, 37; Sardines, 37.
 Marga, E., Marble, 36.
 Marge, jr., Patés, 39.
 Marini, A., Liquors, 53.
 Marini & Poggi, Liquors, 53.
 Markham, H. C. & D. C., Curd sink, 26.
 Marks & Weyden, Prunes, 42.
 Marot, C. H., Gardener's Monthly, 79.
 Marquise Foundry & Construction Works, 36.
 Marseilles Gas Co., 36.
 Martillaro, M. C., Wines, 52.
 Martin, P. E., Iron, 36.
 Martin, S., Digger, 34.
 Martin & Sons, Oatmeal, 33.
 Martini, Sola, & Co., Vermouth, 52.
 Martino, L., Tea, 56.
 Martins, A., Barley, 54.
 Martinez, J., Feathers, 65.
 Martinez, H., Corn, 60.
 Martinez, L., Hides, 63.
 Martinez, Ybor, Cigars, 16.
 Martinez & Laplaceta, Wool, 68.
 Marzi Bros., Wines, 56.
 Masetti, P. P., Wine, 53.
 Mast, P. P., & Co., Drills, 22.
 Massachusetts, State of, Agric. Products, 15; Maps, 28.
 Massardo, N., Preserves, 50.
 Massie & Campbell, Biscuits, 34.
 Masset, G., Crackers, 68.
 Massey Mfg. Co., Farming tools, 35.
 Matfield Fertilizer Co., 27.
 Matheys, C. T., Nitro-phosphate, 27.
 Mathieu, L., Leather, 32.
 Mathieson, S., Plows, 34.
 Mattman Bros., C. & J., Pastry, 44.
 Matto Grosso, Province of, Cotton, 57; Tobacco, 55; Quinine, 56.
 Maule, J. S., Mower, 24.
 Maurice & Guenin, Corkers, 39.
 Mauprivez, A., Tapioca, 38.
 Maw, T., Pickles, 30.
 Maxwell, D., Straw cutters, 35.
 Mayer, A., Liquors, 38.
 Mayer, C., Fountain, 81.
 Mayer & Co., Machine, 42.
 Mayo, M. C., Mower, 24.
 Mayo, P. H., & Bro., Tobacco, 16.
 Maxit, J., Potatoes, 62; Honey, 65.
 Mazo, J., Corn, 60; Raisins, 66.
 Mazzullo, C. L., Nuts, 50.
 McCallum, J., Digger, 34.
 McCann, J., Oatmeal, 30.
 McCausland, Upham, & Co., Leather, 32.
 McC Cherry, D. E., & Co., Drills, 22.
 McClunie, T., Evaporator, 80; Designs, 81.
 McClymont, G., Wool, 69.
 McCordick, W. H., Leather, 32.
 McCormick, T., Confectionery, 33.
 McDonald, A. S., Cultivator, 34.
 McDougall, J., Flour, 33.
 McFarlane, P., & Sons, Hay rake, 35.
 McFarlane, T. & A., Mowers, 35.
 McGarin, M., Harrows, 34.
 McKay, J., Barley, 33.
 McKay, T., & Co., Oatmeal, 33.
 McKelvey, J., Refrigerator, 35.
 McLaughlin, J. M., & Son, Teasels, 17.
 McLeod, R. E., & Co., Cheeses, 32.
 McLeod, McNaughton, & Co., Ale, 33.
 McMurray, L., & Co., Fruits, 18.
 McMentry, J., Mowers, 24.
 McPherson, D., Binder, 24.
 Mears, Freed, & Co., Ale, 19.
 Mechanicsburg Machine Co., Drill, 22.
 Meder, J. J., Gin, 46.
 Medina, J., Skins, 64.
 Medina, L. R., Bark, 59; Nuts, 66.
 Meehan, T., Seeds, 16; Plants, 81.
 Mehlishmidt, F., Leather, 43.
 Meli, G. B., Wine, 53.
 Mellen & Co., Feathers, 18; Tickings, 20.
 Mellen, L. F., Tobacco, 16.
 Mello, C. de, Cotton, 57.
 Mendoza, Provincial Commission, Woods, 58; Corn, 61; Birds, 63; Skins, 65; Hemp, 68; Cactus, 84.
 Ménier, E., Chocolates, 29, 39.
 Menkow, A. C., Brandies, 38.
 Mens, R. von, Wool, 42.
 Mercier, E., Wines, 38; Apparatus, 40.
 Mercurelli, P. F., Leather, 50.
 Meriam Packing Co., 17.
 Merlo, V., Figs, 51.
 Merman, J., Co., Wines, 38.
 Merman & Maitre, Wines, 38.
 Merrill, A., Plow, 34.
 Merryweather, A. E., Aloe, 80.
 Metzger Bros., Beer, 52.
 Metternich, Prince von, Wines, 41.
 Messina, Special Committee of, Samples, 54.
 Mestrezat & Co., Wines, 39.
 Meuschel, J. W., Wines, 41.
 Mewhart, J., Flour, 33.
 Meyer, E., Leather, 40; Liqueurs, 42; Wheat, 61; Flax, 68.
 Meyer, G., Herrings, 48.
 Meyer, S. B., Leather, 49.
 Meyer & Coblentz, Wines, 41.
 Mezio, C., Wine, 52.
 Micheloud, M., Cane, 62.
 Michigan State Agricultural College, Seeds, 15; Buds, 17; Soils, 28; Woods, 15.
 Michel, S., Wines, 67.
 Middleton, G. W., & Co., Alcohol, 19.
 Midi Phosphate Manufacturing Co., 40.
 Mignot & De Block, Cigars, 45.
 Mildred, J., Wheat, 60; Seeds, 62.
 Mill Hill Wool and Rag Co., 30.
 Miller, A. S., Ladder, 25.
 Miller, C. L., Flour, 19.
 Miller, F. A., Powder for stock, 28.
 Miller, H. J., & Co., Molasses, 19.
 Millers' Association of Canada, Flour, 33.
 Miller & Sievers, Cactus, 79.
 Miller & Hayes, Ferns, 79; Designs, 81; Shrubs, 81.
 Miller & Wallace, Plow, 21.
 Mills, W. H., Wines, 19.
 Minas-Geraes, Province of, Resins, 54.
 Minniss, T. S., Locomotive, 27.

- Miranda, J., Acacia, 59; Corn, 61; Wine, 68.
 Mirland & Co., Paste, 44.
 Mitchell, J. E., Grindstones, 26.
 Mitchell, W., Vases, 82.
 Minutillo, G., Liquors, 52.
 Mlinek, J., Hops, 43.
 Mockridge, E., & Co., Breads, 20.
 Moffatt, I., Models, 79.
 Mohn, P., Herrings, 48.
 Molina, J., Corn, 61.
 Molina, J. C., Wool, 68.
 Molina, M., Wine, 68.
 Molma, M., Cotton, 68.
 Molinari Bros., Sausages, 51.
 Moline Plow Co., 21.
 Monjon, M. I., Raisins, 66.
 Montebello, A. de, & Co., Wines, 38.
 Montheuil, F., Wines, 38.
 Montigny, de, & Co., Wines, 38.
 Montini, P., Vermouth, 53.
 Moody & Nelson, Native woods, 31.
 Moon, M., & Son, Ferns, 79; Banana, 80; Plants, 81.
 Mooney, J. H., Sheepskins, 32.
 Moos, J., Refrigerator, 26.
 Moore, S. H., jr., Tree, 81.
 Moorhead Clay Works, Vases, 81, 82.
 Morales, E., Bitters, 67.
 Morandi, P., Wax, 50.
 Mora, J., Sheepskin, 64.
 Moras, J., Wool, 69.
 Moreira, C., Cotton, 57.
 Moreira, N., Silkworms, 57.
 Morgan, D. S., & Co., Mower, 24.
 Morgan, N., Wool, 68.
 Morley, Shingles, 31.
 Moreley, G., Plows, 84.
 Moreno, F., Hides, 65.
 Moriondo & Garigho, Chocolate, 53.
 Morrell, G. F., Birds, 31.
 Morris, G. C., Plants, 80.
 Morrisset, Mrs., Leather, 37.
 Morrison Bros., Plow, 21.
 Morrison, James, & Co., Hams, 19.
 Morrison & Fay, Plow, 22.
 Morse, B., Rake, 24.
 Morse, G. B., Cakes, 20.
 Moseley & Ricker, Leather, 32.
 Moses, D. T., Hops, 31.
 Moskopf, T., Mustard, 40.
 Mossone, A., Liquors, 52.
 Mostardini, A., Liquors, 53.
 Mott Iron Works, Fountains, 81; Vases, 81.
 Mott & Co., Wine, 30.
 Mottet, J., & Co., Oil, 39.
 Mount, J. K., & Co., Hay conveyer, 28.
 Moura, F. de, Potatos, 55.
 Mueller, Quackenboss, & Co., Vases, 81.
 Muir, J., & Son, Ales, 30.
 Muir, M., Oil, 32.
 Muirhead & Gray, Oatmeal, 33.
 Mujica, E. S., Blood, 64; Manure, 69.
 Mulder, L., Periodicals, 46.
 Mullender, S., Wool, 45.
 Müller, G., Isinglass, 17; Wines, 41.
 Mummer, S., & Son, Birds, 31; Fishes, 32.
 Munhos, C., Maté, 55.
 Muñoz, F., Wheat, 60.
 Munro & Hagens, Plows, 34.
 Munroe, D. R., Woods, 31.
 Munroe, W., Models, 30.
 Munson Bros., Mill, 26.
 Muricy, Dr., Pine heart, 54; Flag, 55.
 Muricy & Leao, Beans, 55; Guano, 57.
 Muricy, Dr., Flour, 56.
 Murdoch, A., Mustard, 16.
 Murdock, A. L., Dairies, 27; Sugar, 19; Cotton, 20.
 Murdock, J., & Son, Stacking machine, 27.
 Murino, N., Wines, 53.
 Muro, F., Corn, 61; Wine, 67.
 Murphy, R. R., Honey extractor, 28.
 Murphy, T. G., Native woods, 31.
 Murphy & Broom, Aquariums, 17; Cages, 28.
 Muschert, B. F., Plow, 21.
 Muschel, F., Wines, 41.
 Musi, L., Liquors, 53.
 Myer, B., Plows, 21.
 Myers, H., Rake, 24.
 Myers & Ervien, Forks, 21.
 Nachtmann, J., Syrup, 43.
 Napheys, G. C., Lard, 17.
 Napoli, F., Tomatoes, 51.
 Napoli, G., Wine, 53.
 Narvaez, T., Wines, 68.
 Nash & Bro., Planter, 22.
 Nat. Depart. of Agriculture, Wood, 58.
 National Timber Preserving Co., 15.
 National Yeast Co., 20.
 Naumann, D. L., Extracts, 40.
 Naumann, F., Liqueurs, 42.
 Navarro, C., Starch, 67.
 Nazar & Co., Wool, 68.
 Neighbour, G., & Sons, Beehives, 30.
 Nellis, A. J., Hay fork, 23.
 Nègre, J., Confectionery, 39.
 Nenner, C., Leather, 43.
 Nenzioni Bros., Tomatoes, 51.
 Neubeck, A., Cigars, 40.
 Neunich, H., Vinegar, 19.
 Nevelius, C. J., Kid skin, 47.
 Newton, R., Silk, 69.
 New York Desiccating Co., 18.
 New York Hop Extract Co., 18.
 New York Plow Co., 22.
 Ney & Ely, Bug-catcher, 82.
 Niceforo, N., Nuts, 50.
 Nichol, R. & Ruth, Flax, 34.
 Nichols, Shepard, & Co., Thresher, 25.
 Nickisch, M., Corn, 61.
 Nicoll, D., Starch, 29.
 Nievergelt, J., Kirschwasser, 44.
 Nikisch, M., Pickles, 66.
 Nilkens, A., Wines, 41.
 Nillson, E., Fish, 47.
 Nissen, C., Confections, 47.
 Nistri, F., Liquors, 53.
 Nittinger, A., jr., & Son, Tools, 25.
 Noble, R. B., Mackerel, 32.
 Nobrega, J., Coffee, 55.
 Nogueira, A., Coffee, 55.
 Nogueira, R., Coffee, 55.
 Noll, Balth., & Co., Cigars, 40.
 Nordrock, W., Anchovies, 48.
 Norris, J. W., & Co., Hams, 18.
 N. A. Packing Co., Canned meats, 32.
 Northern Ohio Woolen Mills, 20.
 Norton, J., Potato digger, 24.
 Norwalk Lawn Mower Co., 24.
 Norwegian Condensed Milk Co., 49.
 Norwegian Fish Guano Co., 49.
 Norwegian Preserving Co., 49.
 Norwood, C., & Son, Isinglass, 17.
 Novaes, S., Cigarettes, 56.
 Nuñez, S., Birds, 63.
 Nuttall, E., Bitters, 67.
 Nye, S. R., Rake, 24.
 N——, N——, Maize, 54; Rice, 56.
 O'Brien Bros., Rustic work, 82.
 O'Brien, J., Harrows, 21.
 Ocampo & Acosta, Hides, 65; Tanning products, 59.
 Ocreman, L., & Witdoeck, E., Skins, 44.
 Ogilvie & Hutchinson, Flour, 33.
 Ohio State Centennial Board, Seeds, 16.
 Ohmer, A. I., Machines, 23.
 O'Keefe & Co., Ale, 33.
 O'Leary, H., Salmon, 32.
 Olidon, T., Tongues, 66.
 Olivera, B., Figs, 66.
 Oliveira, C. d', Tobacco, 55.
 Oliveira, C., Wine, 57.
 Oliveira, R. de, Liquors, 57.
 Olszewski, S., Grains, 33.
 O'Neill, W. C., & Co., Kegs, 28.
 Oostra, G. W., Liquor, 46.
 Opp, H., Plow, 21.
 Oppenheimer, S., Milk pail, 27.

- Oppmann, J., Wines, 41.
 Orb & Weiss, Wines, 41.
 Orebro Agricultural Society, 47.
 Oregon, State of, Grasses, 15; Glue, 17; Wool, 20.
 Orsi, R., Sausages, 51.
 Osborne, D. M., & Co., Machines, 23.
 Osborne Mfg. Co., Cages, 28.
 Osborne, W., Malt, 33.
 Oshawa Mfg. Co., Farming tools, 34.
 Otard, Dupuy, & Co., Brandies, 38.
 Ottaviani Bros., Wines, 52.
 Otero, J., Honey, 65.
 Otis Bros. & Co., Mower, 24.
 Outcalt, J., Hominy, 19.
 Ovefero, S., Sugar, 67.
 Overbeck, P., Beer, 42.
 Pachin Sub-commission, Corn, 61.
 Pachitt, E., Pickles, 30.
 Paci, C., Wine, 52.
 Pacific Guano Co., Machines, 82.
 Packer, C. W., Freezers, 26.
 Page, W. H., & Co., Trellises, 80.
 Pagni, Faustino, & Co., Biscuits, 53.
 Painchaud, C. F., Paper materiel, 31.
 Palazzo, Paste, 51.
 Palincrantz, Helge, Mower, 47.
 Palmieri, B. of G., Wine.
 Para, Province of, Resins, 54; Tobacco, 55; Barley, 55; Meats, 56; Jute, 57; Guarana, 57.
 Parasyba, Province of, Cotton, 57.
 Parana, D. V., Tobacco, 55.
 Parana, Province of, Wood, 54; Grain, 54; Hides, 56; Isinglass, 56; Cotton, 57.
 Parana Commission, Woods, 59; Beans, 61; Sponges, 63; Ropes, 68.
 Parfoury & Lemaire, Marble, 36.
 Parisian Flower Co., 79.
 Park, H. & H., Fork, 21.
 Parkyn, J., Flours, 33.
 Parlato, L., Almonds, 50.
 Parrott, C., Plows, 21.
 Parsons, S. B., & Sons, Ferns, 79; Trees, 81.
 Parvins, R. C., Plow, 25.
 Pasali, G., Liquors, 52.
 Passel, T., Wax, 65.
 Passier, A., Wines, 38.
 Passion, M., Food, 37.
 Patalano, O., Wine, 53.
 Paterno, C. di B., Wine, 52.
 Pattern Mfg. Co., Reapers, 35.
 Patterson, W., Road-scraper, 27.
 Patrons' Mfg. Ass., Mower, 24.
 Paulo Cardeiro, J., Snuff, 55.
 Pavin de la Forge, L. & E., Limes, 36.
 Peabody, G. H., Hullers, 26.
 Peck Bros., Bone dust, 27.
 Peck & Skilton, Rustic goods, 81; Rustic work, 82.
 Pecover, J., Hair, 34.
 Peekskill Mfg. Co., Sugar mills, 26.
 Peez, E., Wines, 41.
 Pellet, A. P., Silk, 39.
 Peltier & Paillard, Sardines, 37; Meats, 37.
 Peluffo, V., & Co., Seeds, 59.
 Peluffo, A., Barley, 60; Seeds, 62; Silks, 69.
 Pendock Bros., Cider, 30.
 Penna. Agricultural Works, 212.
 Pennock Brothers, Plants, 79; Ferneries, 80.
 Penitentiary, Rio de Janeiro, Show case, 54.
 Peppler, T., Plow, 21.
 Peracchi, E., Sauce, 51.
 Perard, V., Shearer, 40.
 Perdigao, Resins, 54; Plants, 55.
 Perdigas, Oils, 57.
 Pereira, E., Larangiuha, 57.
 Perez, E., Wool, 69.
 Perine, M., & Sons, Flower pots, 80.
 Perkins, Stern, & Co., Wines, 20.
 Pernambuco, Province of, Gums, 54; Fruits, 56; Cotton, 57.
 Perueta. Stag horns, 56.
 Pernod, E., Absinthe, 44.
 Pernollet, J., Sieves, 40.
 Perrier, J., & Co., Wines, 38.
 Perry, S., Tedder, 24.
 Peter Cooper's Glue Factory, 17.
 Petterson, O., Punch, 47.
 Petterson, C. E., Scythes, 48.
 Petrick, G. B., Honey, 43.
 Petrie, J. A., Furrowers, 22.
 Peyredieu & Bradley, Wool, 68.
 Pfeiffer, P., Potatos, 62.
 Phillips, J. B., Training horses, 28.
 Philippe & Co., Food, 37; Sardines, 37.
 Phiry, I., jr., Trellises, 83.
 Pierce, M. V., Wood, 15.
 Pierce, Mrs. R. M., Flower stands, 80.
 Pierce, S. S., & Co., Cider, 19.
 Pierpont, C. & C., Cutters, 26.
 Pike & Richardson, Hoops, 31.
 Pillier, N., Wheat, 61; Flour, 66.
 Pilling, G. P., Milking tubes, 26.
 Pimenta, M., Herbs, 57.
 Pinardi, P. G., Mustard, 51.
 Pinel, C. T., Fructification, 83.
 Piñero, A., Wax, 65.
 Pinet, Castillon, & Co., Brandies, 38.
 Pinheiro, T., Sugar, 56; Larangiuha, 57.
 Pinho, F., Chocolate, 57.
 Pinson, Shell, 36.
 Pinto, O., Aguardente, 57.
 Pinto & Bro., Tobacco, 55.
 Piombino, P. of F., Wine, 53.
 Pioneer Iron Works, Roller, 27.
 Pirapitenga, Baron de, Tapioca, 56.
 Pirrone, A., Biscuits, 53.
 Pitcher, L. D., Fork, 21.
 Pitts, D. H., Fishing-reel, 32; Churn, 35.
 Pizzona, M., Wines, 67.
 Plá, J., & Co., Brandy, 67.
 Plagniol, J. de, Oil, 39.
 Platen, Carl von, Cereals, 46.
 Platin, C. G., & Co., Liquors, 47.
 Plunkett, J., & Co., Malt, 30.
 Pleasant Valley Wine Co., 19.
 Poblete, T., Skin, 63.
 Poel, C. P. van der, Wheat, 45.
 Poeschel, M., & Scherer, Wines, 19.
 Poglioine, Widow, & Sons, Wine, 52.
 Pohl, J., Flour, 43.
 Poisson, J. F., Dyestuffs, 59; Skin, 63.
 Poitevin, C., & Co., Wines, 38.
 Polá, J., Potatoes, 62.
 Poligny Society of Agriculture, 38.
 Polizzi, Council of, Nuts, 50.
 Pollen, L. P. M., Liquors, 46.
 Pont-Ollion, N., Cements, 36.
 Popper, J., Leather, 43.
 Porcari, A., Grain, 50.
 Porri, K., Coltiro, 53.
 Porter Blanchards' Sons, Churns, 27.
 Portland Packing Co., 18.
 Possiponti, A., Straw, 15.
 Post, C. C., Syrup, 19; Sugar implements, 25.
 Post, C. G. van der, Cigars, 45.
 Potts, W. W., Fence, 27.
 Pouce, I., Seeds, 59.
 Poulin, F. R. S., Starch, 33.
 Poulsen & Co., Punch, 49.
 Pouyet, M., Vegetables, 62; Honey, 65.
 Povat, J., Artificial manure, 35.
 Powell, T., Flour, 30.
 Powell, W., Harrow, 34.
 Prados, Coffee, 55.
 Pratt, C., Flower pots, 82.
 Pratt, J., Sauce, 29; Milk pan, 35.
 Preusel & Bachmann, Wines, 41.
 Price, S. S., Plants, 79.
 Pripod, S., Coffee, 55.
 Pritz, A., & Sons, Reaper, 24.
 Promis, J., Wines, 38.
 Proprietors of the Kett Estate, Wines, 41.
 Pschow Brewery, 42.
 Puckridge, F., & Neph., Goldbeater's skin, 29.
 Puente, G. F. de la, Wool, 69.
 Pujol, E., Dyestuffs, 69.
 Pullman, R. & J., Leather, 29.

- Pumphrey, W. F., Seed mill, 25.
 Putnam, S. S., & Co., Nails, 28.
 Quebec Advisory Board, Sugar, 33.
 Quellet, E., Flour, 66.
 Queredo, S. L., Wood, 58.
 Quiroga, A., Wine, 67.
 Quiroga, I., Wine, 67.
 Quitman, A., Wines, 41.
 Rabache, A., Plow, 39.
 Racine Hardware Co., Ferneries, 80.
 Rademakers, A. C., Gin, 46.
 Radon, K., Beer, 43.
 Ramirez & Co., Barley, 60; Raisins, 65.
 Ramsay, A., & Son, Glues, 32.
 Randall, C. B., Parer, 25.
 Randolph, T. F., Ditcher, 27.
 Rankin Mfg. Co., Choppers, 25.
 Rankin, T., & Sons, Biscuits, 34.
 Raparlier, Alphonse John, Syrups, 44.
 Raposo, A., Wines, 57.
 Rasch, Wines, 41.
 Ratinet, Grotto, 83.
 Raumer, C. V., Models, 42.
 Ravalla, L., Wool, 69.
 Read, C. A., Mower, 24.
 Read, C. D. & E. D., Corn sheller, 25.
 Reali, G. & G., Wax, 50.
 Rebello, S., Liquor, 57.
 Reckhow Preserving Co., 18.
 Red Wing Mills, Wheat, 17; Flour, 19.
 Reeves, Parvin, & Co., Vegetables, 18.
 Reggio, A. F., Liquors, 53.
 Rehnstrom, W., Drawings, 48.
 Reid, A. H., Butter worker, 26.
 Reid, W., Cereals, 31.
 Reignard, Wines, 38.
 Reinhardt, L., & Co., Bonbons, 39.
 Reis, L., Silk, 57.
 Remington, E., & Sons, Plows, 22; Carriage
 gearing, 27.
 Remy & Co., Starch, 44.
 Resende, L. de, Silkworms, 57.
 Resvagli, L., Woods, 58.
 Reutchler, D. & H., Drills, 23.
 Revillon Bros., Peltries, 37.
 Reynolds, E. D. & O. B., Plows, 21.
 Rheingau Sparkling Wine Co., 41.
 Rhoades & Waters, Hole digger, 27.
 Rhode Island Horseshoe Co., 29.
 Rhodes, Col., Butter, 32.
 Ribeiro, S., Coffee, 55.
 Ribero, J., Skins, 65.
 Ricasoli, B., Wines, 53.
 Ricaumont, de, & Co., Wines, 38.
 Ricci, E., Liquors, 52.
 Richard & Plamondon, Leathers, 32.
 Richardson, The Misses, Cactus, 79.
 Richardson, T., Plow, 34.
 Richardson, W. H., Husking machine, 25.
 Richardson, Earp, & Slater, Ale, 30.
 Richardson Mfg. Co., Mower, 24.
 Richardson & Robbins, Fruits, 18.
 Richmond Plow Works, 21.
 Richter, F., Cereals, 54.
 Ricke, L. W., Wheat, 31.
 Riggs, M. B., Digger, 24.
 Rinaldo, R., Fruit, 51.
 Rio de Janeiro, Province of, Woods, 54.
 Rio-Grande-do-Norte, Province of, Resin, 54;
 Oil, 56; Cotton, 57.
 Rio-Grande-do-Sul, Province of, Tobacco,
 55; Leather, 56.
 Rio-Novo, Coffee, 55.
 Rivière, Gardrat, & Co., Brandies, 38.
 Riso, J., Coffee, 62.
 Riso, P., Seeds, 59.
 Riso, V., Wheat, 61.
 Rizo, J., Cotton, 68.
 Ritsch, F., Dyestuffs, 59.
 Roach & Coates, Glue, 32.
 Robbi & Co., Chocolate, 43.
 Robertson, W., Wheat, 31.
 Robitaille, F., Cod, 32; Fish manure, 35.
 Rocha, C. da, Snuff, 56.
 Rocha, I. da, Wood, 54.
 Rocha-Ferreira, D. da, Tobacco, 55.
 Rocha, Leao, M. da, Coffee, 55.
 Rochester Agricultural Works, 23.
 Rochette, G., Leathers, 32.
 Rodovalho, P., Matè, 56.
 Rodriguez, V., Jonquills, 60.
 Rodriguez, E., Wool, 69.
 Rodriguez, S., Seeds, 59; Skins, 65.
 Rodriguez, V., Starch, 65.
 Roederer & Co., Wines, 38.
 Roempler, L., Plants, 83.
 Roger, jr., & Co., Millstones, 40.
 Roger, Son, & Co., Millstones, 36.
 Rogers, C. B., Seeds, 17; Cultivators, 21.
 Rogers, F. P., Milk cans, 26.
 Rogers, J. S., Glues, 17.
 Roibon, E., Fibre, 68; Wood, 58.
 Roibon, F., Pictures of trees, 58.
 Rojat, J., Vinegar, 38.
 Ralker, A., & Sons, Flowers, 69; Flowe
 pots, 80.
 Roman, J., Woods, 59.
 Roman, M., Wheat, 61.
 Romano, G., Sumac, 50.
 Romeo, M., Wines, 52.
 Ronchetti, V., Pickles, 66.
 Ronsillon, J., & Co., Wines, 38.
 Ronzani, C., Beer, 53.
 Root, D., Son, & Co., Plows, 21.
 Roper, J. F., Vermicelli, 41.
 Rosa, R. de la, Corn, 60.
 Rosario Sub-commission, Fox, 63; Gull, 63.
 Rosario Sub-com. of Entre-Rios, Skins, 64.
 Rosenbaum, F., Birds and animals, 17, 49.
 Rosencrantz, H., Cereals, 47.
 Rosenstein, B., Wines, 41.
 Rosental, I., Wheat, 43.
 Rosing, U., Machine, 49.
 Rosing's, A., widow, Food, 49.
 Ross, E. W., & Co., Cutters, 26.
 Ross, G., Plows, 34.
 Ross, J., Mills, 25.
 Rossi, C. L., Olives, 50.
 Rossi, E., Plow, 54.
 Rossi, L., Wine, 52.
 Rossi, T. F., Wine, 52.
 Rossi, V., Vermouth, 52.
 Rospigliosi, C., Wine, 53.
 Rothe-Thorndike, Wines, 41.
 Roullé, E., Wines, 38.
 Rousseau Bros., Liquors, 38.
 Rouyer, Guillet, & Co., Brandies, 38.
 Roverano Bros., Sweetmeats, 66.
 Rowland, T., & Sons, Shovels, 22.
 Roy, G., Wines, 39.
 Royal Centennial Commission, Fish, 47.
 Royal Wurtemberg Furnaces, 42.
 Rubiaserre, O., Wool, 69.
 Rue, G. W., Cultivator, 24.
 Rue, J., Plow, 22.
 Rufino, G. P., Corn, 60.
 Rufino, G. C., Beans, 60; Raisins, 65.
 Ruiz, C., Wheat, 60; Skins, 65; Nuts, 66.
 Ruiz, G., Corn, 60.
 Rumford Chemical Works, 20, 27.
 Rumnel, C. B., Plows, 34.
 Runkel, H., & Co., Chocolate, 20.
 Rus, A., Tobacco, 48.
 Russell, C., & Co., Mower, 23.
 Russo, B. T., Paste, 51.
 Rutschman Bros., Drill, 23.
 Ruud, J. A., Ale, 49.
 Ryder, B. R., Dryer, 28.
 Sabatier-Granier & Son, Wines, 38.
 Saenz, V., Skins, 64.
 Sahlmann Bros., Beer, 42.
 Sainty, J. & B., Machinery, 30.
 Salerno, Special Committee of, Manna, 30;
 Paste, 51.
 Salibra, A., Liquors, 53.
 Salicath, O., Punch, 49.
 Salta, Provincial Commission of, Seeds, 58;
 Corn, 60; Cheese, 63; Cotton, 68.

- Salvo, S. di, G. M., Wines, 52.
 Samoggia, Gaet, & Bros., Sausage, 51.
 Sanchez, M., Beans, 61; Viper, 63; Grapes, 65.
 Sancta Catharina, Province of, Coffee, 55;
 Flour, 56.
 Sands, J., Birds, 31; Bagging-machine, 34.
 Sandusky Machine & Agricultural Works, 26.
 Sandwich Mfg. Co., Harvester, 24.
 Sanguinetti, P. A., Labels, 81.
 St. Catharina, Prov. of, Woods, 54; Coffee, 55.
 St. Martin Bobbin Spool Co., 31.
 St. Paul Harvester Co., 24.
 S. Paulo, Provincial Commission of, Wood, 54.
 S. Paulo, Province of, Roots, 55; Camomile,
 56; Pains, 57.
 San Carlos Sub-commission, Barley, 61.
 San Juan, Several Exhibitors of, Dyestuffs, 59.
 San Juan, Government of, Grasses, 60.
 San Juan Prov. Commission, Skins, 63, 65.
 San Luis, Prov. Commission of, Dyestuffs,
 59; Corn, 61; Butter, 63; Nest, 63; Pre-
 serves, 65; Cotton, 68.
 Sans, N. R., Potatoes, 62.
 Santa Colonna, I., Raisins, 66.
 Santa Fé, Provincial Commission of, Woods,
 58; Corn, 61; Skins, 65.
 Santa Maria Sub-commission, Corn, 61.
 Santa Maria Sub-commission of Catamarca,
 Skins, 64.
 Santiago del Estero, Prov. Commission of,
 Woods, 58; Wheat, 62; Flour, 67; Chaguar,
 68; Cactus, 84.
 Santillan Bros. & Co., Leather, 64.
 Sarafana, F., Wax, 54.
 Sardinha, Wine, 57.
 Sargent, C. R., Sower, 22.
 Sarmiente, I. L., Corn, 60.
 Sarmiento, J. L., Raisins, 65.
 Santos, C. dos, Coffee, 55.
 Santos & Ferreira, Preserves, 56.
 Saunders, W., Plants, 79.
 Saupichler, L., Fruit, 43.
 Santer, A., Cigars, 43.
 Savorini, F., Liquors, 53.
 Sawyer, L. D., & Co., Mower, 34.
 Say, C., Sugar, 38.
 Scala, G., Wines, 53.
 Scalla, S. de, Honey, 50.
 Scala, S. de, Sumac, 50.
 Scala, P., Wine, 53.
 Scalas, J., Tobacco, 31.
 Schade, van Westrum, J. C., Gin, 46.
 Schaffer, W. L., Palms, 80.
 Schagelin, G. E., Dairy utensils, 48.
 Schaller, G., Morocco, 40.
 Schaltin, Pierry, & Co., Cordials, 44.
 Schamalake, Barley, 54.
 Schare & Co., Confectionery, 20.
 Schary, J. M., Hops, 43.
 Scheffer, M., Barley, 54.
 Scheidecker, C., Shearer, 40.
 Schenck, M. P., Press, 26.
 Scherer, G., Kirschwasser, 44.
 Scherzinger, W., Tobacco, 40.
 Schirod, C., Grain, 48.
 Schleife Tanneries, 43.
 Schmalzl, G., Skins, 43.
 Schmidt, E., Bitters, 44.
 Schmidt, J., Liquors, 44.
 Schmitt, F., Leather, 43.
 Schmitz, F. A., & Co., Skins, 44.
 Schmitz, P. & L., Bitters, 44.
 Schneider, E., Essence of beef, 29.
 Schneider & Schorn, Essences, 42.
 Schober, J. H. W., Flour, 45.
 Schorke, A., Sugar, 41.
 Schroder, N., Tobacco, 62.
 Schuemelpfung, A., Flour, 56.
 Schulmann & Co., Wine, 57.
 Schulz & Reuter, Wines, 41.
 Schumacher, F., Hominy, 19.
 Schütt, A., Wines, 41.
 Schwarz & Sons, Hops, 43.
 Schweigert, A., Sauce, 43.
 Schwinner, G., Saffron, 42.
 Schweikart, A., Wool, 69.
 Sciacca della Scala, Figs, 51.
 Scocchiolini, A., Mustard, 50.
 Scott & Co., Oatmeal, 33.
 Scribner, D., Salmon rods, 32.
 Scriver, J. J., Biscuits, 34.
 Scuderi, G., Wine, 52.
 Secrétan, E., Copper, 36.
 Sedgebee & Miller, Mill, 26.
 Seidenberg & Co., Cigars, 16.
 Seignouret Bros., Wines, 39.
 Ségur & Obier, Food, 37.
 Sellers, J., jr., Plants, 80.
 Senhling, G., Corn, 61.
 Sensfelder, Manure, 40.
 Sensfelder, Shearer, 40.
 Sergeant, E., Leather, 37.
 Serrazanetti, G. A., Sauce, 51.
 Seyler, F., Wines, 41.
 Seymour, J. B., Planter, 23.
 Shaw, P., Butter machine, 27; Beehive, 28.
 Sheble & Fisher, Forks, 21.
 Sheeler, Buckwalter, & Co., Threshing ma-
 chine, 25.
 Shelton Tobacco Curing Co., 16.
 Sherman & Foster, Farming tools, 35;
 Thresher, 35.
 Shields & Bro., Corn-huskers, 25; Tanned
 hog's head, 28.
 Shipley, A. B., & Son, Tackle, 17.
 Shove, G. A., Designs, 81.
 Shreiner, J. H., Grain-drills, 25.
 Shuck, S., Cigars, 16.
 Siccoli, G., Wine, 53.
 Siebenbürgen Wine Ass., 43.
 Siebrecht, H. A., & Co., Flowers, 79; Ferns,
 80.
 Siegfried, Wines, 41.
 Sierra, R. de la, Purse, 65.
 Sievert, M., Dyestuffs, 59.
 Silva, C. da, Flour, 56; Larangiuha, 57.
 Silva, D., Wood, 54.
 Silva, F., Arazá, 62.
 Silva, Leal, & Santos, Preserves, 56.
 Silveira, A., Manure, 69.
 Silveira, N.; Aguardente, 57.
 Silver & Denning Mfg. Co., 25.
 Simard, R., Sugar, 33; Wine, 33.
 Simen, C., Leather, 40.
 Simone, R., Paste, 51.
 Sischer & Son, Glue, 32.
 Skanska Sugar Refining Co., 47.
 Skaraborgs Agricultural Society, 47.
 Skinner, G. M., Trolling-spoon bits, 32.
 Slater & Scringer, Malt, 33.
 Sleeper, Wells, & Aldrich, Vegetables, 18.
 Slocum, W. H., & Bro., Mincemeat, 18; Parcr,
 25.
 Sloetvan, Marxveld G., Syrup, 46.
 Smith, A. M., Wines, 19.
 Smith, A. W., Horse shoes, 29.
 Smith, D., & Co., Wools, 30.
 Smith, E. & J. P., Corn, 15.
 Smith, Mrs. G., Anchovies, 48.
 Smith's Homeopathic Pharmacy, 20.
 Smits, F. H. M., Beer, 46.
 Smith's, J. H., Sons, Wines, 19.
 Smith, R., & Co., Wines, 33.
 Smith, P. E., Plow, 22.
 Smith, T., Cultivator, 34.
 Smith, W., Cereals, 31.
 Smith, F. & H., & Co., Essences, 29.
 Smith, W. & Sons, Scraper, 30.
 Smith & Lynch, Boilers, 80.
 Smythe, Earle, & Co., Gums, 15.
 Smyth & Smyth, Flour, 33.
 Snedeker, D., Fruits, 18.
 Snyder, E., Plow, 34.
 Society for Bee Culture, 43.
 Sola, J., Cheese, 63.
 Soler, V., Dyestuffs, 59; Feathers, 65.
 Solfatare de Possuoli Manufacturing Co.,
 Manure, 40.

- Solinas, A. G., Wines, 52.
 Solinitsky & Mittler, Pulses, 42; Barley, 43.
 Sottá, J., Plants, 59.
 Sonza, A. de, Sugar, 56.
 Sonza-Guciroz, Coffee, 55.
 Sonza, P., Coffee, 55.
 Sonza, V. de, Tobacco, 55.
 Sorro, Bros., Skin, 37.
 Soudée, Wines, 38.
 Soullier & Brunot, Lime, 36.
 South Bend Iron Works, Plows, 21.
 Southern Agricultural Society, 46.
 Soyland, L. B., Fish, 48.
 Söhuchen, Wines, 41.
 Spardle, T., Plows, 34.
 Sparling, W., Plow, 34.
 Speakman, Miles, & Co., Sheller, 26.
 Spence, L., Thresher, 25.
 Speer, A., & Sons, Plows, 21.
 Spicharz, P. J., Leather, 40.
 Spinelli, R., Macaroni, 33.
 Spink, J. L., & Co., Mowers, 23.
 Springfield Manufacturing Co., Planter, 23.
 Stadt Magistrat, Beer, 42.
 Stahlschmidt, Wool, 34.
 Stampalia, T., Liquors, 43.
 Starbuck, N., Ditcher, 23.
 Stauffenegger, C., Absinthe, 44.
 Stavanger Preserving Co., 49.
 Steele, J., Jute, 57.
 Stegman, J., Wool, 68.
 Stein, G. & L., Liqueurs, 41.
 Stein, Hirsh, & Co., Albumens, 17.
 Stein, H., & Co., Hair, 42.
 Steinheimer, C. J. B., Wines, 41.
 Stella, M., Wine, 53.
 Stengel, W., Brandy, 42.
 Stenstrom, O. E., Agricultural products, 47.
 Stephens, P. E., Spade, 34.
 Stephens, R. E. Farm post, 35.
 Steuben Co. Vineyard Association, 20.
 Stevens, A., Mower, 24.
 Stevens, R. E., Models, 35.
 Stevens, S., Planter, 23.
 Stevens, T., Confectionery, 30.
 Stewart, Ralph, & Co., Snuff, 16.
 Stiassi, F., Sausages, 51; Eels, 50.
 Stibbé, H., Liqueurs, 41.
 Stitte, L. G., Liquors, 46.
 Stoddard, J. W., & Co., Rakes, 23.
 Stokton, J. A., Fig tree, 80.
 Stollwerk Bros., Chocolates, 41.
 Stratchan, A. S., Harrows, 34.
 Stratchan, D. K., Cultivator, 34.
 Stratford, G., Oakum, 20.
 Stratton & Cullum, Machines, 24.
 Strong, J. E., Models, 35.
 Strutt, A. J., Wine, 52.
 Stuart & Douglass, Oatmeal, 19.
 Sturtevant, E. D., Ferns, 79; Plants, 80;
 Plants, 81; Rustic work, 82.
 Suarez, B., Feathers, 65.
 Such, G., Plants, 79, 80, 81.
 Suchard, P., Chocolate, 44.
 Suehnel, E. J., Cigars, 16.
 Sueur, F., jr., Leather, 37.
 Suesz, A. H., Leather, 43.
 Sullivan & Burk, Cigars, 16.
 Summar, S. W., & Co., Leather, 32.
 Superior Mower and Reaper Co., 24.
 Super-phosphate Manufacturing Co., 48.
 Surie Weduroc, J. W., & Zoon & Co., Food, 45.
 Swan, C. S., Press, 26.
 Swank, M. J., Cigars, 16.
 Sweeney, H. M., Fertilizer, 23.
 Sweepstakes Plow Co., 21.
 Tacconi, P., Sausages, 51.
 Tache, F., Meats, 32.
 Tacheret, C., Figs, 66.
 Tacheret, E., Figs, 66.
 Talbman, G. W., Hose-stocking, 28.
 Tamburini, G., Candies, 53.
 Tamanco Factory, Rice, 56.
 Tancrede Bros. Charcoal, 40.
 Tandberg, F., Cordials, 49.
 Tanzer Bros., Hops, 43.
 Tarbouriech, L., Wines, 38.
 Targia, A. de, Liquors, 52.
 Tarranbae, J., Flour, 56.
 Tarussi, Luigi, & Bros., Wines, 52.
 Taulez-Bottelier, C., Oakum, 45.
 Taylor, B. C., Rakes, 23.
 Taylor, T. H., Wool, 34.
 Taylor & Bate, Ale, 33.
 Taxis, E. W., Aquarium, 17.
 Teferina, D., Wine, 68.
 Teith, H. J., & Söner, Biscuits, 47.
 Tellefsen, Mrs. R., Anchovies, 48; Game, 49.
 Terramola, F., Wine, 67.
 Terranova Commillesi, G. B., Wine, 52.
 Terrien, Food, 37; Sardines, 37.
 Testa, U., Tobacco, 55.
 Tetu, Dr., Delphinoleine, 32.
 Thalin, W., Punch, 47.
 Thams, M., & Co., Woods, 48.
 Thomas, F., Silks, 39.
 Thomas, J. H., & Sons, Rake, 23.
 Thomas, Ludlow, & Rodgers, Cultivator, 22.
 Thompson, S. W., jr., Barrel shooks, 27.
 Thompson, W., Road scraper, 27.
 Thoreau, E., & Son, Barley, 36; Wines, 39.
 Thorn & Bro., Crackers, 20.
 Thornburn, J. M., & Co., Seeds, 17.
 Thorne, C., Meat, 49.
 Thorne, C. A., Anchovies, 49.
 Thorrand & Co., Cement, 36.
 Thünger, F. von, Brewery, 42.
 Thurlow, H., Teasels, 17.
 Thurston, Hall, & Co., Crackers, 20.
 Thyssen, C. J. F., Sieve frames, 45.
 Tillar, C., Flour, 66.
 Tinogasta Sub-com. of Catamarca, Skins, 64.
 Tivet, B., Liquors, 39.
 Tivollier, A., Meats, 37.
 Tobacco Growers of Penn's Manor, 16.
 Tolmie, Dr., Cereals, 31.
 Tomaselli, G., Plows, 53.
 Tomlinson, J., Cheese box, 35.
 Topich, A., Fish, 43.
 Torelli, L. L., Wines, 51.
 Toro, J., Wheat, 60.
 Torviath, L. di G., Harrow, 53.
 Toronto, Prov. Trade of, Canned meats, 32.
 Torre, E. N., Fibres, 68.
 Torricelli, A., Liquors, 52.
 Tosi, B. G., Preserves, 51.
 Towanda Eureka Mower Co., 24.
 Tramontani, D., Honey, 50; Beehive, 54.
 Travers, F., Wines, 41.
 Traverso, I., Wheat, 59.
 Travis, A. B., Hoe, 21.
 Travis, I., Leather, 32.
 Treat, J. A., Boilers, 26.
 Tréfousse & Co., Leather, 37.
 Treloar, G., Wines, 66.
 Tricourt, A., Machines, 40.
 Tripidi, S., Rice, 56.
 Troia, A., Paste, 51.
 Troop, O. V., & Co., Vinegar, 33.
 Trowbridge, W. H., Tobacco, 16.
 Tschop, A., Rakes, 23.
 Tschurtschenthaler, A., Fruits, 43.
 Tucuman, Provincial Commission of, Woods,
 58; Wheat, 62; Skins, 64; Ropes, 69.
 Tucci, S. B., Wine, 53.
 Tucker, I. E. C., Wool, 69.
 Tula, N., Wheat, 61.
 Turcotte, Linsced oil, 34.
 Turner, R., Food, 29.
 Turpin & Bro., Tobacco, 16.
 Tygert, J. E., & Co., Ground bone, 27.
 Tyrrell, T. F., & Co., Oatmeal, 19.
 Ubach de Colon, J., Farming products, 59.
 Ubatuba, Dr., Extract, 56.
 Uffredugi, G., Wine, 53.
 Ulex, G. F., Liqueurs, 41.
 Uliengo, G., Machine, 54.
 Ulrich, W. D., Biscuit, 46.

- Underberg-Albrecht, H., Liqueurs, 41.
 Underwood, W., Meats, 18.
 U. S. Agricultural Department, Plants, 79.
 U. S. Fertilizing and Chemical Co., 27.
 U. S. Hullers Oat Co., 15.
 U. S. Wind Engine and Pump Co., 28.
 United Wine Growers, 19.
 Unzué, M., Wool, 69.
 Unzué, S., Wheat, 59; Corn, 60.
 Upton, G., Glue, 17; Super-phosphates 27.
 Upsala Agricultural Society, 47.
 Urbana Wine Co., 19.
 Uruguay Commission, Seeds, 61.
 Vaillard, H., Cheese, 63.
 Vaivas, C., Wheat, 61.
 Valckenberg, P. J., Wines, 41.
 Valdes, E., Corn, 60; Hides, 64.
 Valdes, E., & Co., Woods, 58; Barley, 60;
 Mouse, 63; Beef, 66; Wool, 69.
 Van Casteel, A. F., Flax, 46.
 Vandiver Corn-planter Co., 22.
 Vandoran, F., Planter, 23.
 Van Dulken, Liquors, 46.
 Van Marken, J. C., jr., Oil, 45; Alcohol, 46.
 Vandendaele, Rigot, C., Vinegar, 44; Ma-
 chine, 44; Syrups, 44.
 Van Rijn van Alkemade, Peas, 45.
 Varale, A. B., Hides, 50.
 Vasconcellos, P. de, Wine, 57.
 Vasquez, L., Cheese, 63.
 Vazquez, L., Wool, 69.
 Veenhoven, Schuringa, & Co., Flour, 46.
 Vedelin, F., & Co., Fertilizers, 48.
 Vega, G., Corn, 61.
 Veiga, Tobacco, 55.
 Veitch, I., & Sons, Shrubs, 82.
 Velez, A., Wine, 67.
 Vera, M., Pigeons, 62.
 Verboeckhoven, E. B., Hides, 44.
 Verdier, E., sen., Gladiolus, 83.
 Verdone & Patera, Sauces, 51.
 Vergara, A., Skins, 64.
 Vergueiro & Co., Coffee, 55.
 Vermont Farm Mach. Co., Gleaner, 24; Evap-
 orator, 28.
 Versé-Spelmans, Brichot, Ant, & Co.,
 Leather, 44.
 Verweij, H., & Co., Sugar, 46.
 Vessot, J. & S., Sower, 34.
 Vian & Bros., Confectionery, 33.
 Vianna, P., Sugar, 56.
 Viarina, O., Aguardente, 57.
 Vicat, J. H., Mustard, 37.
 Victoria Sub-commission of Entre Rios, Skins,
 64.
 Vidal, M., Wheat, 60.
 Vidal, M. A., Corn, 60.
 Vidart, J. A., Hides, 65.
 Videla, V., Woods, 58; Syrup, 66.
 Vieira, A., Coffee, 55.
 Viliani, D., Liquors, 53.
 Villa, L., Juices, 68.
 Villafane, N., Corn, 60.
 Villa-Franca, Baron de, Wood, 54; Sugar, 56;
 Paina, 57.
 Villar, S., Coffee, 62.
 Vilmorin, Andrieux, & Co., Flowers, 83.
 Viotti, Cigarettes, 55; Liquor, 57.
 Virgens, B. da, Sugar, 56.
 Viscardi, G., Fruits, 51.
 Visser, J., Mead, 45.
 Vitale, T., Liquor, 52.
 Vitiello & Torres, Wines, 52.
 Vittone, D., Liquors, 53.
 Vliet, A. van, Cheese, 45.
 Volinia Farmers' Club, Seeds, 16.
 Volk, J. van der, & Co., Gin, 46.
 Von Bergen, J. N., & Son, Punch, 47.
 Von Essen, H. H., Gardener's scissors, 83.
 Von Sacher, E., Bees, 43.
 Von Scheele, G., Flour, 47; Cereals, 47.
 Von Zierotin, Bushes, 42.
 Vornberger, J. M., Wines, 41.
 Wadsworth, J. P., Flour, 33.
 Wagener, J. A., Plow, 21.
 Wagner, J., & Co., Sheepskins, 32.
 Waile, S., Tobacco, 62.
 Wain, H., Hops, 31.
 Waite Manufacturing Co., Parer, 22.
 Walcker, W., Garden seats, 83.
 Wacker, B. L., Can opener, 23.
 Walker, J. R., Plow, 21.
 Walker, M., & Sons, Gates, 82.
 Walkhoff, J. H. G., Fish, 40.
 Wallace, J., Animals, 17.
 Wallace, S. J., Cultivator, 21.
 Wallis, A. B., Ale, 47.
 Walsingham, Lord, Livestock, 29.
 Walton, B. W., Plows, 34.
 Walton, S., Cultivator, 22.
 Walton, Whan, & Co., Fertilizer, 27.
 Wanderly, B., Sugar, 56.
 Wannemacher, S., Tow, 20.
 Wanters-de-Busscher, Cordials, 44.
 Ward's Fertilizer Co., 22, 27.
 Ward, H. A., Zoological specimens, 17; An-
 imals, 29.
 Warder, Mitchell, & Co., Implements, 23.
 Wardle, G. F., Tobacco, 16.
 Warner, G. W., Furs, 32.
 Wart, C., Flour, 66.
 Wastfelt, C. C., jr., Rennet, 47.
 Waterer, A., Rhododendrons, 82.
 Waterhouse, I., Ale, 33.
 Watkins, W. M. & C., Tobacco, 16.
 Watson, J., Plows, 34; Farming tools, 35.
 Watts, N., & Co., Flour, 33.
 Weatherstone, W., Flour, 33.
 Weaver, J. R., Confectionery, 20.
 Wedenbrig, H. F., Liqueurs, 42.
 Weidenmann, J., Plans, 81.
 Weightman, W., Plants, 80.
 Weikel & Smith Spice Co., 16.
 Weiss, B., Skins, 43.
 Weissmann, D. & A., Wood, 42.
 Wenk, M., Wines, 41.
 Weld, W., Seeds, 31.
 Welding, E., Flower pots, 82.
 Wells, A. G., & Co., Ship knees, 31.
 Wells, I. & S., Cheese, 32.
 Wells, W., Flower pot, 82.
 Weltz, H., Beer, 42.
 Werk, C. W., & Son, Wines, 19.
 Werner, J., & Co., Utensils, 42.
 West, H. T., Mower, 24.
 Westfall, D. B., Digger, 24.
 Westerbottens Agricultural Society, 47.
 Western North Carolina Land Co., Woods,
 15; Agricultural products, 16.
 West Virginia, State of, Woods, 15; Agricul-
 tural products, 16; Hemp, 20.
 Westinghouse, G., & Co., Threshing machine
 25.
 Weyl & Co., Waters, 36.
 Wharton, J., Shrubs, 79.
 Wheeler, W. F., Hose, 80.
 Wheeler & Melick Co., Rakes, 22.
 White, G. E., Super-phosphates, 27.
 Whiteley, Fassler, & Kelly, Implements, 23.
 Whitman & Miles Mfg. Co., Knives, 23.
 Whitman, S. F., & Son, Confectionery, 20.
 Whitmore, D. H., Parer, 26.
 Wiard & Hough, Plows, 21.
 Wickell, S. R., Leather, 32.
 Wideman, Hard, & Co., Wines, 19.
 Wikstrom, J. A., Timber, 46; Agricultural
 Products, 47.
 Wikstrom, N., Vegetables, 47.
 Wilcox, W. J., & Co., Lard, 17.
 Wilkens, H., & Co., Tobacco, 16.
 Wilkens, T., Moss, 20.
 Wilkens, Williams, & Co., Hair, 20.
 Wilkens, G., Plows, 34.
 Wilkinson, W., & Sons, Shears, 30.
 Willet, D., Cultivator, 34.
 Willet, R., & Co., Oatmeal, 33.
 Williams, J., Fruits, 18; Evaporator, 28.
 Williams Bros., Implements, 23.

Williamson, A. & H. A., Models, 79.
 Willoughby, J. D., Drill, 23.
 Wills, A. W., Tools, 30.
 Wilson, C., Ginger ale, 33.
 Wilson, J., Oatmeal, 33.
 Wilson, J. G., Boiler, 80.
 Wilson, T., Fanning mill, 35.
 Wilson, W., Hay rake, 34.
 Wilson, W. C., Plants, 81.
 Wilson, W. G., & Co., Crackers, 20.
 Wilson Packing Co., 18.
 Wilson & Piper, Farming tools, 35.
 Wilson, Walker, & Co., Leather, 29.
 Wimpfheimer, D., Vinegar apparatus, 28.
 Winkel & Rothenbach, Wines, 41.
 Winning, Hill, & Ware, Syrups, 33.
 Winter, F., Glue, 40; Hides, 43.
 Wisner, J. E., Rake, 23.
 With, J., Tobacco, 48.
 Withington, Cooley, & Co., Hoes, 22.
 Wittemann, P., Wines, 41.
 Wolff, M. M. Z., Flour, 45.
 Wood, J. J., Starch, 19.
 Wood, O. K., & Co., Separator, 25.
 Wood, R., & Co., Stalls, 28.
 Wood, W. A., Implements, 23.
 Woodbridge Agricultural Works, 35.
 Woods & Carnahan, Candles, 17.

Woods, Perry, & Co., Lumber, 15.
 Woodburn, J. B., & Co., Confectionery, 33.
 Worth, A. R., Sower, 23.
 Wriedt, C., Beer, 49.
 Wright, Joshua, & Son, Meat, 18.
 Wright, J. W., Harvester, 24.
 Wright, Herbert, & Co., Ale, 30.
 Wulff, H. A., Drawings, 48.
 Wurffbain, G., Roots, 59; Cotton, 68.
 Wynard, F., Liquors, 46.
 Ystads French Flouring Mills, 47.
 Yuille, A., Essences, 29.
 Zais Wines, 41.
 Zane, Norny, & Co., Powder, 18.
 Zanetti, G., Sausages, 51.
 Zannini & Galliani, Liquors, 53.
 Zappoli Bros., Sausages, 51.
 Zavalla, P., Wine, 67.
 Zeeland Assoc. for Encour. of Agricul., 45.
 Zeller, C., Carnations, 81.
 Zeni, N., Cordial, 52.
 Zigliani, C., Vinegar, 52.
 Zironi, G. F., Meats, 51.
 Zolezi, N., Snuff, 62.
 Zoological Society of Philadelphia, Fern, 79.
 Zorilla, B., Skins, 64.
 Zuijlekon, L. van, & Co., Liquors, 46.

LONDON,

BY ROYAL LETTERS PATENT.

PARIS,

CORRY & Co.'s GOLD MEDAL GINGER ALE,

And other Pure Aerated Waters.

CROMAC SPRINGS, BELFAST, IRELAND.

Original Manufacturers (for exportation) of the world-renowned Ginger Ale, and proprietors, in perpetuity, of the celebrated Cromac Spring. Established 1850.

Beware of spurious imitations.

SEE STAND IN AGRICULTURAL HALL.



1873.



1875.

HIGGIN'S FACTORY FILLED SALT,

Which is prepared expressly for Dairy purposes, is admitted by all Curers and Packers who use it, to preserve Hams and Bacon in the finest possible condition, and to impart an unusually fine color and appearance to the fat; and its great purity makes it especially valuable for the curing of Butter and Cheese. It never cakes in the sack. Sample bags may be had gratis on application to Messrs. GEO. RAPHAEL & Co., Philadelphia.

Works—Northwich, Cheshire, England. Office Address—THOMAS HIGGIN & Co., 33, Tower Buildings West, Liverpool, England. Orders received by LOGAN & PRESTON, New York, and GEO. RAPHAEL & Co., Philadelphia.



Prize Medal

CLEEVE HOOPER, Junr.,

London 1874.

Leather, Hide and Bark Factor,

6, 7 & 8, NEW WESTON STREET,

BERMONDSEY, LONDON, S.E.,

ENGLAND.



Goods Bought or Sold for $2\frac{1}{2}$ % Commission & del credere. Bankers, London Joint Stock Bank.

H.W. JOHNS' ASBESTOS PATENT MATERIALS

Asbestos is a mineral possessing fibres like Silk or Flax, and cannot be destroyed by fire. It is found abundantly in various parts of this and other countries. Its uses are patented for the following and other materials for structural and mechanical purposes.


Roofing—Any color, for steep or flat roofs, in rolls ready for use.

Paints—All colors, ready for use, unexcelled in richness of color and unequalled in durability.

Steam Pipe and Boiler Coverings—The most effective non-conductors in use.

Steam Packing—Flat and round, all sizes—Indestructible, Self-lubricating.


Roof Coating for old tin, felt, and shingle roofs. **Fireproof Coating** for wooden buildings, boiler rooms, shingle roofs, etc. **Roof Paint** for tin roofs, iron and wood work. **Cement** for steam and gas fittings, repairing leaky roofs, etc. **Vermin-proof Lining** for carpets deadening floors, sheathing felts, etc., etc.

All of these materials are prepared ready for use, and can be easily applied by any one. Liberal inducements to General Merchants, Dealers, and large consumers.  Send for Samples, Illustrated Pamphlets, Price Lists, etc.

H. W. JOHNS, 87 Maiden Lane, N. Y.

ESTABLISHED 1858.

Patentee and Manufacturer.

 A full line of Asbestos Materials can be seen and full information obtained at Section No. F 9, Columns 64-65, Machinery Hall.

The following, among thousands of well-known Manufacturers and others, have our Goods in use:

Denison Paper Manuf'g Co., Mechanic Falls, Maine. Robinson Manuf'g Co., Woolen Goods, Oxford, Maine. Hon. E. A. Straw (Amoskeag Co.), Manchester, N. H. Ford & Kimball, Iron Manufacturers, Concord, N. H. Old Colony Iron Co., Taunton, Mass. Boston Rubber Shoe Co., Malden, Mass. A. & W. Sprague & Co., Manufacturers, Providence, R. I. Cheney Brothers, Silk Manufacturers, So. Manchester, Conn. T. Kingsford & Son (Oswego Star Paper Factory), Oswego, N. Y. Garner & Co., Print Works, Haverstraw, N. Y. E. Remington & Sons, Fire Arms, Ilion, N. Y. A. Walker, Warden (State Prison), Sing Sing, N. Y. Passaic Zinc Co., New York City. Henry Clausen, Brewery, New York City. Harper Brothers, Publishers, New York City. Manhattan Gas Co., New York City.

"STAR" ALPACA BRAIDS.

S. B. & M. FLEISHER,
MANUFACTURERS, PHILADELPHIA.



WHY ARE THEY THE BEST?

ANSWER.

As a strong and conclusive evidence of the superior quality of the "STAR" ALPACA BRAIDS, is the preference that is given them over all competitive makes.

Having been subjected to rigid tests for the past ten years, and wherever introduced, they at once became the desired article.

They are made of the very best materials, with the greatest care and efficient workmanship, and upon the most improved machinery.

With these appliances, and a determination to go ahead, the manufacturers have made the "STAR" Alpaca Braids the most popular Braid of the country.

First Prize, Silver Medal, Franklin Institute, Philada., 1874.

First Prize, Silver Medal, Maryland Institute, Baltimore, 1874.

First Prize, Silver Medal, Industrial Exposition, Cinn., 1875.

For Sewing Machines and Hand Sewing USE.

STRONG, SMOOTHER,
AND ELASTIC.



SHIRTS CORD in all Nos.
from 8 to 100.

(WOUND ON WHITE SPOOLS.)

GEORGE A. CLARK, SOLE AGENT.
IT IS

The Best and Most Popular Thread of the age.

GEORGE A. CLARK & BRO.,

SOLE AGENTS IN AMERICA,

Nos. 337 and 339 Canal Street, New York.

Sub-agency, 8 Strawberry St., Philadelphia.